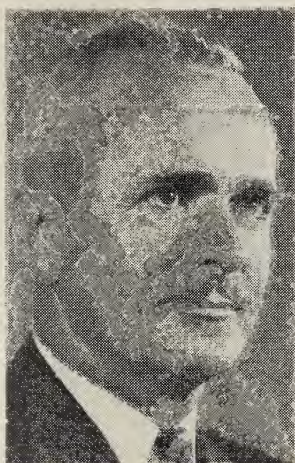


Appointments



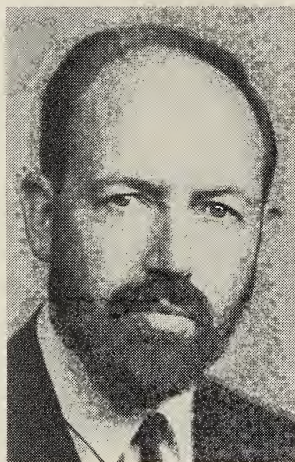
DR. TOM F. S. McFEAT
Chairman
Anthropology



DR. J. W. HAM
Chairman
Electrical Engineering



DR. E. W. NUFFIELD
Chairman
Geological Sciences



DR. A. D. ALLEN
Associate Dean
Arts and Science



DR. HARRY C. EASTMAN
Associate Dean
Graduate Studies



OCTOBER 1964

STAFF

bulletin

UNIVERSITY OF TORONTO

OCTOBER EVENTS

4 SUNDAY

Music

Hart House Sunday Evening Concert—Toronto Chamber Orchestra. 9 p.m. Great Hall. Tickets available at hall porter's desk. Ladies welcome if escorted by members.

5 MONDAY

Installation

Installation of Dr. Douglas V. LePan as principal of University College. Convocation Hall. 2.30 p.m.

Official Opening

The Laidlaw Library in University College will be opened with a golden key by R. A. Laidlaw. The library is named for his brother, the late W. C. Laidlaw, one of the university's great benefactors. 4 p.m.

Seminar

Institute of Computer Science and Department of Mathematics. "Programming and Formalism in Mathematics". Dr. K. E. Iverson, IBM, Yorktown Heights. Room 106, U.C. 4 p.m.

6 TUESDAY

Seminar

Institute of Computer Science. "The Formal Specification of a Computer System, with Illustrations from System 360". Dr. K. E. Iverson. Room 101, McLennan Laboratory. 4 p.m.

8 THURSDAY

Debate

Hart House debate. Special guests: Mayor Philip Givens and Controller Allan Lamport. Debates room. 8 p.m.

Music

Faculty of Music special events series. Ronald Turini, pianist. Concert Hall, Edward Johnson building. 8.30 p.m.

10 SATURDAY

Athletics

Football. Western at Varsity. Stadium. 2 p.m.
Soccer. Western at Varsity. Back campus. 12 o'clock noon.
Rugger. O.A.C. at Varsity. Back campus. 12 o'clock noon.

13 TUESDAY

Seminar

Institute of Computer Science. "Use of Computers in Biomedical Research". Prof. T. A. Keenan, director of Computing Center, University of Rochester. Room 101, McLennan Laboratory. 4 p.m.

14 WEDNESDAY

Music Hart House Wednesday Five O'clock Concert. Toronto Piano Trio. Music Room. No tickets necessary. Ladies welcome.

15 THURSDAY

Music Faculty of Music Thursday Afternoon Series. Anna Maria Grunder, violin, Pierre Souvairan, piano. Concert Hall, Edward Johnson Building. 2 p.m.

Dinner Victoria College Charter Day Dinner. Guest speaker, John Fisher, Commissioner, Centennial Commission, Ottawa. Burwash Hall. 6 p.m. Graduates and friends may obtain tickets from the Alumni secretary, Victoria College.

Victoria College Prize Giving in the college chapel. 8.30 p.m.

16 FRIDAY

Supper Faculty Club Buffet Supper.

17 SATURDAY

Athletics Rugger. Queen's at Toronto. Back campus. 12 o'clock noon.

19 MONDAY

Music Organ Recital. First of a series of four recitals by Dr. Charles Peaker. Convocation Hall. 5 p.m.

21 WEDNESDAY

Cornerstone Dr. Henry Borden, chairman of the Board of Governors, will lay the Laying New College cornerstone. 4 p.m.

Discussion Hart House Noon-Hour Program. Hart House theatre director Robert Gill will discuss "The Diary of a Scoundrel" which opens on Oct. 23. Ladies welcome. 1 p.m.

Athletics Soccer. McMaster at Varsity. Back campus. 3 p.m.

23 FRIDAY

Theatre "The Diary of a Scoundrel" by Alexander Ostrovsky, English version by Rodney Acland, a Hart House Theatre production. Oct. 23 to 31. 8.30 p.m.

Homecoming Homecoming Variety Show. Varsity Arena. 8 p.m. Dancing will follow the show.

24 SATURDAY

Homecoming Float parade. Front campus. 11 a.m.
Football. Queen's at Varsity. Stadium. 2 p.m.

25 SUNDAY

- Films Royal Ontario Museum Sunday films: "Istali Mashi—May You Never Be Tired" (annual migration across the Khyber Pass); "Tomorrow Begins Today" (life of Arab refugees in UNRWA camps); "The Flaming Sky" (mystery of the northern lights). Museum Theatre. 2 p.m.
- Music Hart House Sunday Evening Concert. Canadian Opera Company. Tickets available at the hall porter's desk. Ladies welcome if escorted by members. Great Hall. 9 p.m.

26 MONDAY

- Lecture Faculty of Dentistry. The Harold Keith Box Memorial Lecture. "Oral Cancer from an International Point of View". Dr. Jens J. Pindborg, professor, department of oral histopathology, Royal Dental College, Copenhagen. Dental Building auditorium. 8.15 p.m.

27 TUESDAY

- Seminar Institute of Computer Science. "Data Processing for the LINAC". Prof. R. W. McKay. Room 101, McLennan Laboratory. 4 p.m.

29 THURSDAY

- Poetry Reading Poetry reading by Dr. Douglas LePan and Dr. Robertson Davies. Dr. Davies will read an anthology of light verse. Hart House Art Gallery. 1.15 p.m. Ladies welcome.
- Lectures Faculty of Music Thursday Afternoon Series. "Violins Old and New". Carleen Hutchins. Concert Hall, Edward Johnson Building. 2 p.m.
- Royal Ontario Museum. "Excavations in Caesarea, Israel". Immanuel Ben-Dor, professor of biblical archaeology at Emory University, Atlanta, Ga. Museum Theatre. 8.30 p.m.
- Exhibition The Arts Committee of the Faculty of Dentistry Opening Night. Dental Building auditorium. 8.15 to 10 p.m.

30 FRIDAY

- Supper Dance Faculty Club buffet supper dance. From 6 p.m.

Exhibitions

"One Hundred Years of Canadian Glass, 1825-1925"—first major exhibition of early Canadian glass. Canadiana Gallery, 14 Queen's Park Crescent West. Closed Mondays. Continues through October.

"Wall Paintings from Chatal Huyuk", a photographic exhibit of a civilization which flourished 8,000 years ago in Turkey. Lower rotunda, Royal Ontario Museum.

"Underwater Photography in Northern Ontario", special exhibit of coloured pictures by staff member Ario Gatti. Third floor rotunda, Royal Ontario Museum.

Paintings by Les Levine until Oct. 11; "Art of South America" from Oct. 14 to Nov. 1. Hart House Art Gallery. Open daily 10 a.m. to 10 p.m. Ladies welcome from 2 to 5 p.m.

NOTES

Administration

PRESIDENT BISSELL attended the ceremonies inaugurating Dr. Kingman Brewster as president of Yale University in April.

J. KENNETH BRADFORD has been elected a vice-president of the College of Placement Council Inc. of Bethlehem, Pa., the coordinating body for all university placement associations in Canada and the U.S.

LELAND RICHARDSON gave two recitals in April on the Netherlands carillon at Arlington, Va.

Arts and Science

DR. HELEN HOGG has been elected president of the Royal Canadian Institute, the first woman to head the 115-year-old scientific society. Prof. Hogg attended the First Conference of Women Engineers and Scientists in New York in June; and addressed the Ottawa Centre of the Royal Astronomical Society of Canada on March 17 on "Globular Star Clusters".

PROF. P. R. DEMARQUE addressed the Astronomy Colloquium at Princeton University on Feb. 11 on the subject "The Problem of the Ages of Old Star Clusters".

PROF. SYDNEY VAN DEN BERGH visited the Kitt Peak National Observatory, Tucson, Arizona, Feb. 26-28 and gave a combined colloquium on "Photoelectric Spectrophotometry" to Kitt Peak and University of Arizona. Prof. van den Bergh took part in an international symposium on "Spectral Classification of Stars" in Stockholm, Aug. 17-22; and also conducted a colloquium at the University of Groningen on "Recent Investigations of the Andromeda Nebula".

PROFS. DEMARQUE, J. D. FERNIE, HOGG, RUTH NORTHCOTT, R. C. ROEDER and VAN DEN BERGH attended the general assembly of the International Astronomical Union in Hamburg in September. PROFS. D. A. MACRAE and VAN DEN BERGH attended the June 24-27 meeting of the American Astronomical Society in Flagstaff, where Prof. van den Bergh read a paper on "Five-Colour Photometry of Variable Star Field Four in the Andromeda Galaxy".

PROF. R. C. ROEDER attended an international symposium on "Cosmology" in Pisa during September.

The National Committee for Canada of the International Astronomical Union met at the University as guests of the Department of Astronomy, Feb. 2-22. In tribute to the work of C. S. BEALS, Dominion Astronomer, the subject of the scientific sessions was "Interstellar Matter". DR. BENGT STROMGREN of the Institute for Advanced Studies was a special guest.

PROF. D. J. LE ROY has been appointed a member of the National Research Council.

PROF. R. G. BARRADAS has been commissioned Flight Lieutenant in the Royal Canadian Air Force Reserve and has been appointed to 104 University Air Squadron as Training Officer. Dr. Barradas addressed the Ontario Section of the Instrument Society of America at the Toronto meeting on March 31 with a talk entitled "Potential Control and Measurement in Electrochemical Reactions".

PROF. S. S. DANYLUK attended the Biological and Medical Research Seminar at Argonne National Laboratory, Argonne, Ill. on March 26 and gave a paper entitled "Applications of Magnetic Resonance to Biological Systems".

PROF. J. E. GUILLET gave a paper entitled "Photochemical Synthesis of Block and Graft Copolymers" at the Twelfth Canadian High Polymer Forum on May 28. Dr. Guillet was also visiting professor of Polymer Chemistry at Vanderbilt University, Nashville, Tenn. in June, where he gave a course of 15 lectures on Polymer Chemistry.

The degree of D.Sc. has been conferred on PROF. J. C. POLANYI by the University of Manchester, England. Dr. Polanyi was invited to lecture on his research at Harvard University on April 7, at Columbia University on April 8, and at Yale University on April 10.

PROF. PETER YATES taught the course in Organic Chemistry at Harvard Summer School in July and August.

Colloquia have been given in the Department of Chemistry by the following visitors:

DR. K. A. HOLBROOK, University of Hull; PROF. R. H. MARTIN, University of Brussels; PROF. G. FODOR, Technical University of Budapest; PROF. R. O. C. NORMAN, York University, England; DR. D. C. SAYLES, U.S. Army Missile Command, Alabama; PROF. RALPH PEARSON, Northwestern University; DR. J. R. THOMAS, California Research Corporation; DR. A. G. DAVIES, University of London; PROF. P. S. WHARTON, The University of Wisconsin; DR. J. H. S. GREEN, National Chemical Laboratory; DR. MICHAEL KASHA, The Florida State University; PROF. COLIN EABORN, University of Sussex, England; PROF. H. E. GUNNING, University of Alberta; PROF. D. T. SAWYER, University of California; DR. DAVID BUCKINGHAM, Oxford University; DR. A. F. WELLS, Imperial Chemical Industries Limited, Manchester, England; PROF. H. F. MARK, Polytechnic Institute of Brooklyn; PROF. K. J. LAIDLER, University of Ottawa; and PROF. D. R. HERSCHBACH, Harvard University.

PROF. W. A. C. H. DOBSON read a paper to the Twenty-sixth International Congress of Orientalists in New Delhi, Jan. 4-10; and also acted as consultant on Chinese Studies to the Government of India's University Grants Committee. In Hong Kong, he attended the Conference of Vice-Chancellors of the University of South East Asia, and undertook a survey of research faculties in Hong Kong. He visited Malaysia at the invitation of the University of Singapore and Malaysia to advise on Chinese Studies. He attended the meetings of the International Committee on Chinese Studies in London, Feb. 7-8, gave a lecture at the School of Oriental and African Studies and visited Oxford.

PROF. W. G. DEAN participated in a panel discussion on "Thematic Mapping" held during the annual meetings of the Canadian Institute of Surveying, Ottawa on Feb. 17.

PROF. IAN BURTON lectured on "The Quantitative Revolution in Geography" at the University of Waterloo in March. Prof. Burton is on leave of absence for 1964-65 working for the Ford Foundation on water resource problems in the Calcutta area.

PROF. AZIZ AHMAD's paper on "Literary and Intellectual Trends in Pakistan" was read (in his absence) at the Conference on Pakistan Since 1958 held at the Institute of Islamic Studies of McGill University, June 17-19.

PROF. L. M. KENNY and MR. J. R. BLACKBURN attended the annual meeting of the American Oriental Society held in New

York, April 7-9. Prof. Kenny represented the University at a special meeting called to discuss the establishment of an American Institute of Iranian Studies in Tehran.

PROF. C. M. KORTEPETER attended the annual meeting of the American Association for the Advancement of Slavic Studies held in Philadelphia, April 2-4.

PROF. R. M. SAVORY gave the course in Persian at the UCLA Summer Institute in Near Eastern Languages, Los Angeles.

PROF. G. M. WICKENS was an official University of Toronto delegate to a special meeting of the National Conference of Canadian Universities and Colleges held in Ottawa, April 20-21, to discuss international studies in Canadian universities. Prof. Wickens also attended the Second International Congress of Arabic and Islamic Studies, held in Cambridge, England, Aug. 21-26, and delivered the concluding general address on "The State of Our Studies and the Tasks Before Us".

PROFS. G. L. STAGG, J. H. PARKER, ERIC VON RICHTHOFEN, K. L. LEVY, K. A. A. ELLIS, R. J. GLICKMAN and JOSEPH GULSOY attended the constituent meeting of the Canadian Association of Hispanists held at McGill University, Sept. 9-10. Prof. Stagg was elected president of the new association, and Prof. Levy a member of the committee. Prof. Levy has also been appointed to the committee on Honorary Members of the American Association of Teachers of Spanish and Portuguese.

PROF. BEATRICE CORRIGAN attended the meeting of the Royal Society of Canada in Charlottetown, June 8-10.

PROF. J. H. PARKER has been elected president of the Southern Ontario Chapter of the American Association of Teachers of Spanish and Portuguese for the term 1964-65.

PROF. H. A. J. GREEN gave a paper on "The Theory of Aggregation" at the seminar of the Department of Economics, University of Rochester on Feb. 21.

PROF. H. C. EASTMAN gave the Gilchrist Lecture at the University of Rochester on May 14; spoke on "The Conflict Between Economic Growth and Viability" at the Canadian Studies Institute, Wisconsin State College on June 22; and read a paper entitled "La Politique de Croissance Economique au Canada" to the Association Canadienne des Affaires Publiques, Estérel, Que. on Sept. 12.

PROF. W. C. HOOD addressed the Canadian Political Science Association in Charlottetown on June 11 on the subject "Economic Policy in our Federal State".

PROF. ARTHUR KRUGER addressed the University Arts Women's Club of Oakville earlier this year on "Manpower and Education Policies in the Canadian Economy".

PROF. H. I. MACDONALD gave an address on "Western European Integration" to the National Defence College, Kingston; on "A View of Canadian-American Political Relations" to the Toledo Council on World Affairs, Toledo, Ohio, April 3; on "Hemispheric Relations: The Canadian Background" to the McMaster Conference of the Ontario Young Progressive Conservative Association, Hamilton, May 23; on "National Economic Problems: An International Solution" to the Canadian Gas Association, Murray Bay, June 26; participated in the American Assembly of Columbia University, Mont Gabriel, Que., July 23-26; spoke to the Saskatchewan Council on Public Affairs, Moose Jaw, July 30-31; and gave a paper on "The Canadian Hedgehog and the American Fox" at the national conference on Canadian Goals in Fredericton on Sept. 11.

PROF. H. G. SKILLING gave a lecture series on "Czechoslovakia's Place in the Communist World" at Carleton University on Feb. 15; on "Communist Political Systems—A Comparative Analysis" at Yale University on March 31; acted as chairman of a panel discussion on the East European future at the first annual conference of the American Association for the Advancement of Slavic Studies in New York on April 4; was visiting professor in the Department of Government, Dartmouth College for the spring term, 1964; attended the annual conference of the Canadian Association of Slavists where he was elected president of the association and also chairman of the panel discussion held at the conference. Prof. Skilling has participated in a panel on Rift in the Communist World at the American Political Science Association's annual conference, Sept. 9-12 in Chicago.

PROF. S. G. TRIANTIS addressed the Canadian Institute of International Affairs on "Canadian Immigration Policy—the External Factors"; the Centre for Developing Area Studies at McGill University on "Economic Development in Theory and Practice"; and the Hellenic-Canadian Cultural Society on "Canadian Population and Immigration".

PROF. A. M. WATSON delivered a lecture on "Critères Pour Choisir les Investissements dans les Pays en Voie de Développement", at the Primer Congrès Algérien sur la Planification.

PROF. D. E. BERLYNE gave an address on "Complexité, Vigilance et Apprentissage d'associés Appariés" at the University of Montreal on April 15; four seminars on "Symbolic Processes" at Wayne State University, May 4-8; on "Complexity, Arousal and Paired-Associate Learning" at the psychology colloquium at Michigan State University on May 7; three seminars at the Social Science Research Council's Research Conference on Education; and also delivered a public lecture on "Intrinsic Motivation in Education", July 14-16. Prof. Berlyne gave an address on "Collative Motivation" to participants of the National Research Foundation's undergraduate summer training program, July 17; a plenary address on "Aesthetic Behaviour and Exploratory Behaviour" at the Fifth International Congress on Aesthetics in Amsterdam, Aug. 24-28; held discussions with staff members of Psychological Institutes at the University of Munster, Free University of Berlin, University of Stockholm, University of Uppsala, University of Oslo and of the Neurophysiological Laboratory of Hôpital Henri Rousselle, Paris, Sept. 1-9; and on "Complexity, EEG and Learning" at the University of Stockholm on Sept. 4.

PROF. R. C. JOYNER participated in the Social Science of Organizations Seminar on Methodological Issues in Organizational Research held at the University of Pittsburgh, June 9-18.

PROF. HARRY KAUFMANN has been awarded a research grant of \$17,400 (U.S.) from the National Science Foundation.

PROF. GEORGE MANDLER gave an invited paper on "The Interruption of Behaviour" at the Twelfth Annual Nebraska Symposium on Motivation at the University of Nebraska, May 14-15.

PROFS. H. E. BOWMAN and MAYA JENKINS attended the First National Meeting of the American Association for the Advancement of Slavic Studies held in New York, April 2-4.

PROF. D. G. HUNTLEY delivered a paper on "Trends in Linguistics at the Fifth International Congress of Slavists, Sofia, 1963" at the annual meeting of the Canadian Association of Slavists, Charlottetown on June 16.

DRS. E. M. BANKS, F. P. IDE, and F. H. RIGLER attended the American Institute of Biological Sciences meetings in Boulder, Colorado, Aug. 23-28.

DRS. D. J. MCCALLION and R. A. LIVERSAGE attended the International Conference of Organogenesis in Baltimore in September.

DR. C. S. CHURCHER visited Venezuela, Ecuador, Bolivia, Peru, Argentina, and Brazil in South America, also Ghana, South Africa, and Kenya, visiting museums and universities, and gave several seminars during his trip.

DR. T. E. REED visited the Indiana Medical School in Indianapolis and gave a seminar, "Evidence for Natural Selection due to Blood Groups" in March.

DRS. W. G. FRIEND and W. E. BECKEL travelled to England during July to attend the Thirteenth International Congress of Entomology and presented a paper. They also visited the Universities of Sussex, Southampton, Exeter, Bristol, Keel, and East Anglia to discuss the general course and building design.

DRS. K. C. FISHER, F. E. J. FRY and J. M. SPEIRS attended meetings of the Royal Society and the Canadian Zoological Society in Charlottetown and Halifax in June.

University College

PROF. L. E. WOODBURY was elected president of the Society for Ancient Greek Philosophy at its meeting in Amherst, Mass., Aug. 17-22. Profs. Woodbury and J. M. Rist were responsible for leading discussions in several meetings during the conference.

PROF. W. J. N. RUDD took part in a colloquium on the present state and future prospects of classical education at the Fourth International Congress of Classical Studies held in Philadelphia, Aug. 24-29.

PROF. CLIFFORD LEECH gave a lecture on "Venus and her Nun: Portraits of Women in Love by Shakespeare and Marlowe" at Rice University on April 8.

PROF. F. E. L. PRIESTLEY addressed the Humanities Association branches at Calgary, Regina and Winnipeg on "Aspects of the Poetry of Tennyson and Browning", Feb. 11-13; and also gave a lecture on "Form in the Novel" at the University of Alberta at Calgary.

PROF. D. M. HAYNE gave a public lecture on "Les Grandes Options de la Littérature Canadienne-Française" at the University of Montreal on April 20; and attended the meetings of the Humanities Association of Canada and of the Association of Canadian University Teachers of French at Charlottetown in June and read a paper before a joint meeting of the two associations on "French-Canadian Literary Studies at the University of Toronto".

PROF. V. E. GRAHAM gave a paper on "Music for Poetry in France (1550-1580)"

at the North Central Regional Conference of the Renaissance Society of America held in Toronto, May 15-16; and also gave a paper on "Philippe Desportes (1546-1603)" for the Canadian Association of University Teachers of French meeting.

PROF. E. A. JOLIAT has returned from his year in France, where he directed the first Strasbourg group of third-year University of Toronto students. PROF. P. R. ROBERT has left to direct the group this year.

The following members of the department taught at the summer session at other universities: PROF. V. E. GRAHAM at the University of Alberta in Calgary; PROF. P. R. LÉON at the University of Indiana; and MISS M. D. MACDONALD at the University of Saskatchewan.

PROFS. ROBERT FINCH and J. F. FLINN were engaged in research in France during the summer.

PROF. P. F. DEMBOWSKI is spending this year on sabbatical leave in Poitiers, France.

PROF. H. B. BOESCHENSTEIN lectured on "Contemporary Swiss Literature" to the Chicago Literary Society on Feb. 25.

Scarborough College

DR. D. CARLTON WILLIAMS has been named a member of the Surgeon-General's Advisory Committee, Defence Research Board.

Victoria College

PROF. LAURE RIÈSE has returned after leave of absence since last January. She has been pursuing research in Paris on literary groups (male) in France from 1850 to the present.

PROFS. W. H. TRETHEWEY and J. S. WOOD attended meetings of the Learned Societies at Charlottetown last June.

PROFS. J. S. WOOD and A. R. HARDEN taught at the University of British Columbia this summer.

PROFS. PIERRE SPRIET and M. P. BOUISSAC spent the summer in London and Paris pursuing research toward their doctorates.

MISS C. A. COX received a British Council bursary for summer study in England.

DR. F. D. G. HOENIGER received a Guggenheim Scholarship, May 1964 to May 1965.

PROF. J. R. DEJ. JACKSON received a short-term Canada Council grant for the summer of 1964.

PROF. ALICE RATHE received a Ph.D. (Toronto 1964).

Emmanuel College

PROF. E. C. BLACKMAN attended the Canadian Society of Biblical Studies at Kingston in May and delivered the presidential address on "Divine Sovereignty and Missionary Strategy: A Study of Romans 9-11".

PROF. G. W. BOYCE delivered a series of Devotional Addresses at the Manitoba Conference of the United Church of Canada.

PROF. W. O. FENNELL gave three addresses to the annual conference of the Chaplains of the Armed Forces held at Elgin House, Muskoka in May; and presented a paper on "Christology, The Lord's Supper and Its Observance in the Church" to a meeting of representatives of the North American area of the World Alliance of Reformed Churches and the U.S.A. National Committee of the Lutheran World Federation held in New York in the spring.

PROF. W. M. KELLY has returned from sabbatic leave at Cambridge University where he was studying the liturgical reforms proposed by the Second Ecumenical Council of the Vatican; and this summer he visited the major liturgical centres in Europe.

PROF. C. D. JAY presented a paper on "Degree Nomenclature in Theological Education" at the Biennial Conference of the American Association of Theological Schools in Fort Worth, Texas in June.

PROF. R. E. OSBORNE delivered a paper on "The Silent Years of St. Paul" to the Society of Biblical Literature at Queen's University, in May; and gave 12 lectures to the School for Clergy at Berwick, Nova Scotia in July.

DR. E. S. LAUTENSCHLAGER attended the Biennial Conference of the American Association of Theological Schools in Fort Worth, Texas, in May. He gave the address following the laying of the corner stone of Huntington College on May 25; and was guest speaker at the First Atlantic Men's Conference held at Mount Allison University in June.

Trinity College

PROF. F. W. BEARE delivered a lecture on "Speaking with Tongues: the New Testament Evidence" to the School of Divinity, Duke University, Durham, N.C., in May.

PROF. GEORGE FALLE read a paper entitled "Mistress Anne Killigrew" at the annual meeting of The Johnson Society of the Great Lakes Region, held in Madison, Wis., in April.

PROF. G. M. A. GRUBE presided over the annual meeting of the Classical Association of Canada held in Charlottetown.

PROF. J. A. PHILIP participated in the meetings of the Society for Ancient Greek Philosophy held at Amherst, Mass., in August.

On May 19 PROF. MALCOLM ROSS delivered the Eighth Annual Spring Lecture of the Thomas More Institute of Montreal on "The Relevance of Ruskin's Theory of Art".

PROF. W. S. ROGERS was elected chairman of the Humanities Research Council of Canada for the coming year at the annual meeting held in May. Prof. Rogers spent the summer directing a program of classrooms abroad in Rouen, France.

PROF. RUPERT SCHIEDER was a visiting professor in English at the University of Victoria during the summer session. He has edited, for publication in the New Canadian Library Series, *Woodsmen of the West*, by Martin Allerdale Grainger.

PROF. MAY E. WHITE retired in June as editor of *Phoenix*, the Journal of the Classical Association of Canada. She had held the editorship since the Journal was founded in 1946. During the period eighteen regular and six supplementary volumes have been published and the Journal has won widespread recognition. The Classical Association at its annual dinner in Charlottetown presented Miss White with a silver pin, reproducing the Phoenix crest on the cover of the Journal and a cheque for the purchase of books. The University of Toronto Press gave her a specially designed book plate, also using the Phoenix motif.

PROF. J. W. COLE was a visiting professor in classics at the University of British Columbia during the summer session of 1964.

THE REV. DR. C. R. FEILDING has returned to the staff in the Faculty of Divinity after three years' leave of absence, during which time he has conducted a project for the American Association of Theological Schools.

St. Michael's College

PROF. H. M. McLuhan was elected a Fellow of the Royal Society of Canada. In March he addressed the New York State Curriculum Conference on "Changes in the Corporate Image of the Curriculum" and spoke at the General Electric Management Center in Crotonville, N.Y., on "Authority of Knowledge in the Decision-making Process"; and in April was heard on a Microwave Panel extending from Vancouver to Fredericton on "Learning and Living in the Automation Age".

PROF. L. S. DEWART delivered lectures at Loyola College in Montreal on "Christianity and History"; and at New York State University College in Buffalo on "Cuba and American Foreign Policy". He read a paper to the Conference on World Development at Banff on Aug. 28 on "Political Ideologies and World Development".

DR. P. B. BILANIUK attended the Teilhard de Chardin Workshop, July 14-Aug. 15, and the Teilhard de Chardin Conference, Aug. 17-21, sponsored by the Human Energetics Research Institute at Fordham University where he lectured on "The Christology of Teilhard de Chardin".

PROF. VICTORIA MUELLER-CARSON was awarded this summer in a civic ceremony at the Hermann Stehr Archives in Wangen, W. Germany, one of the five bronze Hermann Stehr Commemorative Medals struck in honour of the centenary of the great Silesian writer (1864-1940). The life and work of this novelist and poet have been a focal point of Dr. Carson's researches and writings for many years. Prof. Mueller-Carson also gave the address last May on the occasion of the Hermann Stehr Centennial celebrations at the Goethe House.

PROF. R. J. SCHOECK has been elected a member of the Columbia University Seminar in Legal History.

Medicine

DEAN JOHN HAMILTON spoke on "L'Université et la Pratique Médicale" to La Société Médicale de Montréal on April 7; and an address on "Le Cours sous-gradué" to the undergraduates of the Faculty of Medicine of the University of Montreal on the same date.

DR. K. W. G. BROWN presented the results of "Heparin in Acute Myocardial Infarction" at a symposium on Anticoagulant Therapy in Miami Beach early this year. He was a member of a panel discussing the same subject at Ann Arbor, Michigan, in March.

A Symposium on Structure and Function of Heart Muscle was held at the Royal York Hotel in Toronto, Feb. 14-15 under the auspices of the Ontario Heart Foundation and the Faculty of Medicine. The program committee was chaired by DR. JOHN R. EVANS whose personal presentation was on "Carbohydrate and Lipid Metabolism in Heart Muscle". DR. K. W. G. BROWN presented the results of "Electrical Reversion of Arrhythmias".

DR. H. A. SMYTH presented "Uric Acid Metabolism in Gout" to the Faculty of Medicine at Queen's University on March 11.

DR. E. R. YENDT took part in a special symposium on Renal Disease at State University of New York at Buffalo on March 11. His subject was "Renovascular Hypertension".

A research grant to the Toronto General Hospital on a three-year guaranteed basis to continue for five years has been awarded to the Department of Otolaryngology through the TGH. This consists of an annual amount of approximately \$30,000 for a study of the lesions causing vertigo and disorientation. Although this grant is to the Board of Trustees of the hospital and a large sum of money has been supplied by the hospital for capital equipment, the research personnel is of the Department of Otolaryngology. This consists of DR. WALTER JOHNSON (also in Physiology), DR. HUGH O. BARBER and DR. JOSEPH A. FARKASHIDY.

DR. GOSTA DOHLMAN presented a paper on "Secretion and Absorption of Endolymph" to the American Otological Association, San Francisco, April 5-6.

DR. H. O. BARBER presented a paper on "Positional Tests and Interpretation" to the American Otological Association, San Francisco, April 5-6. Dr. Barber has received the Mosher Award for the best annual thesis presented to the American Laryngological, Rhinological, and Otological Society on the subject of "Positional Nystagmus After Head Injury". He presented this paper at the annual meeting of the society in April.

DR. BLAIR FEARON presented a paper on "The Respiratory Distress Syndrome in the New Born" to the American Broncho-Esophagological Association, San Francisco, April 7-8.

DRS. W. S. GOODMAN, SHIRLEY APPLEBY and P. E. IRELAND presented a paper on "Audiometry in New Born Children by Electroencephalography" to the Triological Society, San Francisco, April 7-9.

DR. JAN STEINER spent two weeks in France in the spring on invitation of the Bureau of Cultural Relations of the Ministry of Foreign Affairs. He lectured at the University of Paris and the Research Centre at Villejuif. Dr. Steiner was elected to the editorial board of the American Journal of Pathology at the annual meeting of the American Association of Pathologists and Bacteriologists in Chicago in April.

At the 120th annual meeting of the American Psychiatric Association in Los Angeles, May 4-8, PROF. ALDWYN STOKES was elected vice-president of the association for 1964-65. Dr. Stokes gave the main address at the annual meeting of the Royal Medical Psycho-

logical Association at Basingstoke, England on July 8.

PROF. DANIEL CAPPON was invited by the American and South American Psychiatric Associations to present a paper on "Patterns of Culture and the Psychiatric Phenomena" on May 15 in Lima, Peru.

DR. R. E. TURNER presented a paper in April on "Child Molestation—The Offender" at the Law-Medicine Institute, Boston University to the National Conference on Law Enforcement and the Sexual Offender.

DR. R. A. LOBB has been elected president for 1964 of the Canadian Association of Radiologists.

DR. R. W. GUNTON was guest teacher at a course for doctors arranged by the Post Graduate Division, Faculty of Medicine, Dalhousie University, and held at the Victoria General Hospital, March 23–25.

PROF. ERICH BAER has won the first annual American Oil Chemists' Society award in Lipid Chemistry. The \$2,500 award was created by Applied Science Laboratories Inc., Pennsylvania, to recognize and encourage outstanding achievement in the lipid field.

Applied Science and Engineering

On July 14–17, the Institute for Aerospace Studies was host to the Fourth International Symposium on Rarefied Gas Dynamics. The symposium is held biennially, Nice, Berkeley and Paris being the previous sites. This year, over 300 scientists from many countries attended, including for the first time a Russian—Academician Sedov. They met to report and discuss progress in the various aspects of aerospace research involving rarefied gases—transition flow, surface interactions, kinetic theory, molecular beams, rarefied plasmas, and related experimental topics.

The symposium was jointly sponsored by AFOSR, NASA, ONR and the University of Toronto, and took place at the Royal York Hotel. DEAN McLAUGHLIN presented the opening address, and Dr. G. N. Patterson was the symposium chairman.

Over 70 papers were presented, from 15 to 30 minutes in length, each followed by discussion. Double sessions were necessary on Thursday and Friday morning. Papers were presented on work at the Institute by PROFS. J. H. DE LEEUW, and J. B. FRENCH, D. J. MARSDEN, J. LAFRAMBOISE, D. R. O'KEEFE, S. A. GORDON, P. H. HUGES, S. J. TOWNSEND, G. N. PATTERSON and S. R. M. SINCLAIR. The symposium proceedings will

be published as a two-volume edition under the editorship of Prof. J. H. de Leeuw.

Highlights of the non-technical program included the symposium dinner at the Seagram's Tower, Niagara Falls, and a visit to Stratford on the Friday evening to see Shakespeare's King Richard II. A program for the wives of the attendees to get acquainted and to visit places of interest in Toronto was also organized, with the wives of the Institute staff assisting.

To coincide with the symposium, the Institute, working in conjunction with the Royal Ontario Museum sponsored an Aerospace Exhibition open to the public through the summer months at the Museum. This exhibition was opened officially by the President on June 29. Staff members at the Institute developed exhibits to explain facets of their research to the non-technical public, with emphasis placed on working or audience-participation experiments. Displays were also received from government and industrial segments of Canada's growing aerospace community, and from the United States National Aeronautics and Space Administration. The exhibition has received wide acclaim and has repeatedly broken attendance records at the Museum, having an attendance of 63,000 in August compared to a previous record of 40,000 for that month.

PROF. BERNARD ETKIN visited the Flight Dynamics Laboratory, USAF Wright-Patterson Air Force Base, Ohio, June 11–12, where he served as a consultant to the Control Criteria Branch. Prof. Etkin attended the first annual meeting of the American Institute of Aeronautics and Astronautics in Washington, June 29–July 2, and visited the Goddard Space Flight Center of NASA in Greenbelt, Maryland, to discuss current UTIAS research on satellite dynamics.

DR. I. I. GLASS attended the Canadian Aeronautics and Space Institute, Astronautics Section, Symposium on Space Research in Canada, Ottawa, Feb. 13–14. He also visited the aeroballistics range of Computing Devices of Canada, Stitsville, Ont. on Feb. 14; visited Rice University, Houston, Texas on March 9 and gave an invited lecture on "Nonequilibrium Expansion Flow of Dissociated Oxygen Around a Corner" at the graduate seminar of the Department of Mechanical Engineering. Dr. Glass gave an invited lecture on "Low Energy Underwater Explosions" at the 1963–64 spring seminar series, Department of Aeronautical and Astronautical Engineering, University of Michigan, Ann Arbor on April 7; and

attended the International Symposium on Fundamental Phenomena in Hypersonic Flow, Buffalo, June 25-26. He visited the Aerospace Research Laboratories, Wright-Patterson Air Force Base, Sept. 2-3, in order to discuss research problems of mutual interest in hypersonic gasdynamics and blast wave phenomena and gave two lectures entitled "Shock and Combustion Wave Dynamics in an Implosion-Driven Hypervelocity Launcher" and "Nonequilibrium Expansion Flow of Dissociated Oxygen Around a Corner".

DR. H. S. RIBNER attended the Second International Conference on Acoustic Fatigue, sponsored by USAF, Dayton, Ohio, April 29-30, and on May 1 he visited the NASA Lewis Research Center in Cleveland for discussions. He attended the 57th meeting of the Acoustical Society of America, New York, May 6-8; a meeting of the N.R.C. Associate Committee on Aircraft Noise, Ottawa on May 12; presented a paper on "Boundary Layer Noise" to the Working Conference on Boundary Layer Phenomena sponsored by the Air Force Office of Scientific Research held in Washington, June 2-3; and visited the NASA Langley Laboratory, June 2-3 as a consultant on sonic boom phenomena. On Aug. 21 Dr. Ribner visited the Institute for Sound and Vibration Research, Southampton, England; attended the Fourth Congress of the International Council of the Aeronautical Sciences in Paris, Aug. 24-26 where he delivered a general lecture on "The Noise of Aircraft"; and attended the Eleventh International Congress of Applied Mechanics in Munich, Aug. 31-Sept. 2.

DR. G. K. KORBACHER has returned from his year of sabbatical leave at Columbia University where he studied Materials Science, with special emphasis on the phenomena of Fatigue and Creep under Profs. A. M. Freudenthal and R. Heller and visiting Profs. W. Veibull (Sweden) and W. A. Wood (Australia).

PROF. J. B. FRENCH attended the NATO AGARD Specialists' Meeting on the Fluid Dynamic Aspects of Space Flight at Marseille, France, April 20-24 where he participated in discussion of simulation problems; visited the Institute of Kernverfahrenstechnik at Karlsruhe, Germany to discuss work of mutual interest in the high energy molecular beam field; and attended the Conference on Surface Physics at Brown University, June 21-24, to discuss developments in this field which would have a bearing on the satellite surface interaction program at UTIAS. Prof.

French also attended the Fourth International Symposium on Rarefied Gas Dynamics, July 14-17, where he presented a paper on "Omegatron Studies of a Skimmed Beam System" co-authored with D. R. O'Keefe.

PROF. W. H. RAPSON presented a paper on "Grafting Vinyl Polymers onto Cellulose by High Energy Radiation" at the Canadian Nuclear Association annual meeting in May, and at the Chemical Institute of Canada Annual Conference in Kingston in June. On Aug. 11-12, Prof. Rapson presented nine lectures on "Pulp Bleaching" at the Summer Institute of Pulp and Paper Technology at the University of Maine. He presented a paper on "Hydrosulphite and Peroxide Bleaching of Nine Canadian Wood Species Groundwoods" at the Fifth International Mechanical Pulping Conference in Vancouver, Sept. 15-17; and one on "Dynamic Bleaching" co-authored by C. B. Anderson at the Third International Pulp Bleaching Conference at the University of Washington.

PROF. M. WAYMAN presented two papers, both co-authored by Prof. Rapson and Mr. Anderson at the same conference entitled, "Paper Bleaching" and "Bleaching Groundwood with Peracetic Acid".

PROF. R. E. JERVIS attended the annual conference of Canadian Society of Forensic Science, Sept. 10-11, and presented two papers entitled "Activation Analysis of Heroin Seizures" and "Progress in Activation Analysis Applications in Criminalistics".

PROF. OLÉV TRASS attended the June Conference of the Chemical Institute of Canada in Kingston and was co-author of the paper "Jet Mixing in a Turbulent Gas Stream" presented there by R. H. WEILAND. During a summer tour of the U.K. and continental Europe, Dr. Trass visited ten universities mainly to establish personal contacts and to discuss mutual interests and research activities in chemical engineering.

DR. J. W. SMITH attended the CIC annual conference in Kingston, June 3-6.

PROFS. R. K. YOUNG and R. L. HUMMEL presented a paper on "Higher Coefficients for Heat Transfer with Nucleate Boiling" at the Seventh National Heat Transfer Conference at Cleveland on Aug. 13. Prof. Hummel also presented a paper on "Some Theoretical Considerations for Nucleate Boiling".

PROF. D. G. ANDREWS attended the Regional Technical Conference on Heat Transfer, sponsored by the Engineering Institute of Canada at Kingston on May 9 and co-authored a paper with Prof. F. C.

Hooper on "Problems in the Correlation of Pool Burnout Results". Prof. Andrews attended the tenth annual meeting of the American Nuclear Society at Philadelphia, June 14-17 and co-authored a paper on "Temperature Operation of an Unpressurized Natural Uranium, Heavy Water Assembly"; and visited the Valley Forge Space Technology Centre and Peach Bottom Nuclear Power Station.

PROFS. M. W. HUGGINS and S. M. UZUMERI attended a meeting of the National Building Code Committee on reinforced concrete design and the annual meeting of the Engineering Institute of Canada in Banff in May.

PROF. GEORGE SINCLAIR gave the keynote address at the Lincoln Laboratory Symposium on Radar Reflectivity Measurements at MIT, June 2. Prof. Sinclair was also chairman of the session on Antennas and Propagation at the Symposium on Quasi-Optics at the Polytechnic Institute of Brooklyn, June 10. Prof. Sinclair has been named chairman of the committee on New Technologies for the Institute of Electrical and Electronics Engineers, New York. In this connection he attended the Engineering Foundation Conference on "Engineering in Medicine" at Proctor Academy, Andover, N.H., Aug. 3-7.

PROF. N. F. MOODY was invited by the Johnson Foundation to visit the University of Pennsylvania where he delivered a lecture on "Biomedical Research Being Carried Out in the Institute of Biomedical Electronics".

Six staff members of the department of electrical engineering attended the Canadian Conference on Electrical Engineering Education at the University of Waterloo on June 12-14. Papers were presented by PROFS. P. P. BIRINGER and G. F. TRACY. This conference, the theme of which was "Continuing Education in Electrical Engineering", was the first of a series to be held biennially at various Canadian universities.

PROFS. B. J. HAYNES, A. J. KRAVETZ, O. J. MARSHALL, and G. F. TRACY attended the annual convention of the American Society for Engineering Education at the University of Maine, June 22-26.

PROF. V. G. SMITH has been elected president of the Canadian Region of the 1620 Users' Group, an international organization of the users of the I.B.M. 1620 Computing system.

PROF. SMITH and MESSRS. P. I. BOULTON, J. A. A. FIELD, and E. S. LEE attended the

anniversary meeting of the 1620 Users' Group at Buffalo on September 2-4.

PROF. J. M. HAM has been reappointed chairman of the Associate Committee on Automatic Control of the National Research Council. During May and June he examined with PROF. G. CRAIG, the development of graduate studies in Engineering at the major universities in California.

PROF. I. MCCAUSLAND attended the official opening of Churchill College, Cambridge on June 5; the Canadian Conference on Electrical Engineering Education at the University of Waterloo, June 12-14, and the Joint Automatic Control Conference at Stanford University, June 24-26.

DR. E. J. DAVISON attended a symposium on Signal Processing held at Queen's University on June 17-19.

PROF. J. W. ABRAMS presented a paper "Implementation of Operations Research—A Sociological Problem" to the joint meeting of the Operations Research Society of America and the Canadian Operational Research Society in Montreal, May 27-29. He also presented a paper "The Potential of Technology" to the National Conference on Canadian Goals in Fredericton, Sept. 9.

DR. B. BERNHOLTZ attended the same conference and organized and chaired the session on "Real Time Control Systems". He also attended the International Symposium on Mathematical Programming held in London, England, July 6-10 and presented a paper on "The Determination of the Capacity of a Discrete Noisy Channel".

PROF. D. J. CLOUGH presented a paper entitled "On the Principle of Maximizing Entropy and on the Estimation of Entropy" at the same conference. At the annual conference of the Computing and Data Processing Society of Canada in Ottawa, May 11-12, Prof. Clough was co-author of a paper with Prof. R. W. P. Anderson on "Simulation of a Production Control System Under Uncertainty Using a Linear Programming Decision Rule with Feedback". At the Engineering Conference, Associated Spring Corporation and Wallace Barnes Co. Ltd., Sept. 11, Prof. Clough gave an address on "Analytical Thinking in Management".

PROF. SAMUEL KOTZ has been chosen by the National Research Council of Canada as an exchange research scientist from Canada with the Soviet Union for the year 1964-65; A Russian-English Dictionary of Statistical terms and expressions and Russian Reader in Statistics by Dr. Kotz was published in August, 1964 by the University of North Carolina Press as the No. 1 Mono-

graph Series in Probability and Statistics. He has been invited by the Institute of Mathematical Statistics to present a paper on "Statistical Terminology—English vs. Russian" at the meeting of the Institute in Chicago, Dec. 27–30.

PROF. ARTHUR PORTER gave the presidential address at the Canadian Operational Research Society and the Operations Research Society of America Conference; he gave an address, "Trends in Engineering Education" at the annual general meeting of the Ontario Mining Association on June 16; he presented a paper "Some New Perspectives in Engineering Education" at the Sagamore Conference, Aug. 21–23, sponsored by the electrical engineering department of Syracuse University; he addressed the Ottawa Section of the Institute of Electrical and Electronics Engineers, Inc. on May 5; at the Fourth International Conference of the International Association for Analogue Computing, Brighton, England, Sept. 14–18, Prof. Porter was co-author of a paper with L. Magagna entitled "The Interpolation and Extrapolation in True Time, of Sampled Data Using Analogue and Digital Techniques".

PROF. F. C. HOOPER attended the International Symposium on Magnetohydrodynamic Electrical Power Generation in Paris, July 6 to 11, and presented a paper "A Technique for the Evaluation of Surface Absorptivity of Materials Exposed to Plasma Radiation". (Hooper, Loth and Miller.)

DR. HANS J. LEUTHEUSSER attended the 1964 Hydraulics Division Conference, Aug. 17 to 21, of the American Society of Civil Engineers in Vicksburg, Miss., and presented a paper by DR. W. D. BAINES entitled "Wind-Driven Water Currents". He also visited the Hydrodynamics Laboratory at MIT, May 20; the R. L. Albbrook Hydraulic Laboratory at Washington State University, July 30; and the Mechanical Engineering Laboratory at the University of British Columbia, Aug. 4.

Forestry

PROF. J. L. FARRAR presented a paper entitled "Research Watersheds in Canada" at the Fourth Hydrology symposium in Guelph, May 27 and 28. He also presented a paper entitled "Tracheid Development in Certain Conifers as Affected by Soil Drought" at the Tenth International Botanical Congress, Edinburgh, Aug. 2 to 14.

PROF. D. V. LOVE has been elected vice-president of the Canadian Institute of Forestry. On Aug. 10 he presented a paper

at the FAO Conference, 1964 Forest Fire Training Course, entitled "Forestry in the Economy of Canada and of Ontario".

PROF. A. S. MICHELL attended the annual meeting of the Woodlands Section, Canadian Pulp and Paper Association, held in Montreal, March 17–19, and also attended the summer logging meeting held in Fort William, June 23–26.

PROF. ERIC JORGENSEN was recently appointed vice-chairman of the Southern Ontario Section, Canadian Institute of Forestry. He also has been appointed chairman of the Technical Committee, Ontario Shade Tree Council.

PROF. K. A. ARMSON attended the Northeastern Forest Soils Conference held in Princeton, Maine, Aug. 10–11. He gave a paper "The Growth and Nutrition of Conifer Seedlings" at the Region 9 Forest Tree Nurserymen's meeting held at Barrie, Aug. 26–28.

PROF. R. W. KENNEDY participated as a member of a fact-finding group drawn from Canadian government, industry and education that toured North Carolina and Massachusetts from April 26 to May 1. The tour was organized by the Department of Industry to study education and training for the wood products industry. Dr. Kennedy was a member of a panel which discussed "Education for the Pulp and Paper Industry" at the Western International Meeting of the Pulp and Paper Industry held in Vancouver May 14–16. He attended the meeting of the Forest Biology Committee of the Technical Association of the Pulp and Paper Industry held in Chicago on June 19–20. Dr. Kennedy was appointed secretary of a sub-committee, Tests and Wood Quality Objectives. He attended the annual international meeting of the Forest Products Research Society in Chicago on June 21–25, when he was appointed vice-chairman of Division I (Anatomy and Fundamental Properties).

Education

DEAN D. F. DADSON spoke on "The Ontario Program of Teacher Education" at the Summer Institute of Mount Allison University. On Aug. 23 he addressed the Ontario Secondary School Headmasters' Conference in Ottawa on "Reforms and Recommendations for Teacher Education".

PROF. WILLARD BREHAUT attended the annual meeting of the Canadian Association of Professors of Education in Charlottetown, June 8–10 and presented a paper on "Some Landmarks in Prince Edward Island's Educational History".

PROF. G. E. FLOWER was a member of the Canadian delegation to the Third Commonwealth Education Conference held in Ottawa, Aug. 21-Sept. 4.

PROF. J. M. PATON chaired a closed-circuit TV panel discussion on Feb. 18 at the Atlantic City convention of the American Association of School Administrators on the subject, "The Impact of Automatic Membership in Canadian Teachers' Organizations". Other members of the panel were: MISS DOROTHY MARTIN, FWTAO executive secretary, Toronto, and DR. GEORGE FLOWER. On April 25 Prof. Paton addressed the Montreal and Ottawa Chapters of the Canadian College of Teachers at the Seignior Club on the theme of their meetings: "Towards Greater Professionalism in Teaching"; and on Aug. 25 he spoke at the Lakefield summer workshop of district leaders of the Ontario Secondary School Teachers' Federation on "The Emerging Role of Teachers' Organizations in Canada".

Library School

PROF. BRIAN LAND attended the University of Chicago Graduate Library School Conference on "The Intellectual Foundation of Library Education", July 6-8; and the Conference on "Education of Science Information Personnel" sponsored by the Center for Documentation and Communication Research and the School of Library Science of Western Reserve University, Cleveland, July 27-28.

PROFS. BASSAM and SILVERTHORN attended the Conference of the Canadian Library Association in Halifax, June 6-15.

PROFS. BALL, BASSAM, COCKSHUTT and SILVERTHORN attended the Ontario Library Association Conference, in May.

PROFS. BALL, COCKSHUTT and SILVERTHORN attended the annual meeting of the Institute of Professional Librarians of Ontario on May 19. Prof. Cockshutt was elected Registrar and member of the Board of Directors.

PROF. KATHARINE BALL attended the American Library Association Conference in St. Louis, June 27-July 2, and the Institute on An Introduction to Data Processing, University of Missouri, June 25-27, sponsored by the Reference Services Division and Resources and Technical Services Division of the American Library Association. She presented a paper at the Ontario Library Association Conference on May 21, to the Ontario Resources and Technical Group on "The ABC's of Information Retrieval".

PROF. FLORENCE MURRAY spoke to the Library Section of the Ontario Education Association on "New Reference Books" on April 1.

Music

PROF. JOHN WEINZWEIG was on a three-week concert tour of Israel in July with the Chanteurs du Quebec. They performed his *Am Yisrael Chai* during the World Assembly of Choirs under the auspices of the Ministry of Cultural Affairs of the Government of Quebec. Following the Seminar on School Music organized by the Canadian Music Centre, PROF. WEINZWEIG and PROF. TALIVALDIS KENINS have been commissioned to write compositions intended for high school orchestras, funds having been provided by the Canada Council.

PROF. TALIVALDIS KENINS' *Sonata for Piano* was performed in Carnegie Hall, New York, Paris, San Francisco, and Sydney, Australia. The Indianapolis Symphonietta gave a performance of his *Symphony for Chamber Orchestra*.

MISS DOREEN HALL spoke at the National Convention of the Independent Association of Schools of the U.S.A. in New York, Mar. 6-7. She also gave an Orff Demonstration for the B.C. Music Educators' Association in Victoria, April 2-3.

PROF. JOHN BECKWITH's *Flower Variations and Wheels* for orchestra, was performed by the Winnipeg Symphony Orchestra, Victor Feldbrill conducting, on April 2. The CBC has commissioned Prof. Beckwith to compose a choral work for its Shakespeare centenary broadcasts (radio) this fall. The new work, tentatively titled *The Trumpets of Summer* has a text by Toronto poet, M. E. Atwood, and will be given its first performance in October by the Montreal Bach Choir.

Graduate Studies

The headquarters of the School of Graduate Studies were moved to a new location, 65 St. George Street, in mid-July.

The Presidential Advisory Committee on the School of Graduate Studies sent a study team to selected overseas universities. In May, PROF. BORA LASKIN, the Committee chairman, and DEAN SIRLUCK, accompanied part of the time by PROF. CHARLES S. HANES, visited universities in the U.K., France, Italy, Germany, Holland, and Denmark. Visits to selected American and Canadian universities by a number of teams are being planned for this Fall.

DEAN ERNEST SIRLUCK was elected chairman of a Committee of Ontario Graduate Deans at its first meeting in Waterloo, May 29. The committee is a sub-committee of the Committee of Presidents of the Provincially-Assisted Universities of Ontario; the deans will meet from time to time to discuss problems of mutual interest and to promote graduate education in the Province. The second meeting of the committee was held in Toronto on June 23.

Dentistry

DR. J. G. DALE, newly appointed Faculty Librarian, attended a seminar on Museums and Libraries at Cooperstown, New York, July 5-18.

DR. R. M. GRAINGER attended a meeting in Geneva, Switzerland, Sept. 5-19, as a member of the World Health Organization Panel of Experts on International Classification of Diseases.

DR. W. D. MACKAY attended a conference on the Teaching of Dental Materials, at the University of Michigan, Sept. 9-11.

DR. MARJORIE JACKSON will attend a workshop on Dental Hygiene Education in Chicago, Oct. 1-3.

DRS. R. M. GRAINGER, K. J. PAYNTER, M. A. HUNT, D. L. ANDERSON, M. C. JOHNSTON, MAX LISTGARTEN, R. C. BURGESS, and J. A. PEDLER expect to attend the third Canadian Conference of Dental Research, Oct. 5-7, at the Alpine Inn, P.Q.

DEAN R. G. ELLIS will attend the annual conference of the Canadian Dental School Deans at the Alpine Inn, Oct. 8-9.

Under the Extramural Lecture Plan, the following will be the speakers: DR. JACOB KREUTZER at the Halton-Peel Dental Association in Port Credit, Oct. 1; DR. P. E. CURRIE at the Lambton County Dental Society in Sarnia, Oct. 6.

Pharmacy

DEAN F. N. HUGHES attended the Teachers' Seminar of the American Association of Colleges of Pharmacy at the University of Connecticut in August, and the National Canadian Pharmaceutical meetings in Halifax, where he presided at the meeting of the Pharmaceutical Examining Board of Canada.

PROF. J. G. NAIRN organized and conducted the Teachers' Seminar of the Canadian Conference of Pharmaceutical Faculties in Halifax, in August, where he presented a paper on "Examinations".

PROF. G. R. PATERSON was elected vice-chairman of the Canadian Conference of

Pharmaceutical Faculties, and was re-elected a director of the Canadian Academy of the History of Pharmacy at the annual meetings in Halifax.

PROF. H. J. FULLER was named vice-president of The Institute of Pharmacy Management, Hatch End, Middlesex, England.

PROF. D. R. KENNEDY organized a seminar sponsored by the Ontario College of Pharmacy and the Canadian Society of Hospital Pharmacists, at the Faculty of Pharmacy, May 2-7. He gave a paper on "The Decomposition of Drugs in Pharmaceutical Dosage Forms". "Quaternary Ammonium Compounds" was the topic dealt with by PROFS. G. R. PATERSON, F. W. TEARE and DEAN F. N. HUGHES. PROF. I. E. STAUFFER spoke on "Understanding Medical Terminology", and PROF. J. G. NAIRN on "Kinetics of Drug Decomposition".

PROF. G. C. WALKER attended the Canadian Pharmaceutical Association meetings in Halifax and participated in the special meeting concerned with the Syllabi for the recently formed Pharmacy Examining Board of Canada. He was appointed general chairman of the Canadian Conference on Pharmaceutical Research, and was re-elected a director of the Canadian Foundation for the Advancement of Pharmacy, and chairman of the Committee on Pharmaceutical Education and Research.

Architecture

DR. THOMAS HOWARTH contributed a paper on "Universities of the Future" to the Banff Seminar on university design and planning and was accompanied by Prof. John Andrews and Mr. Michael Hough who presented the Scarborough College project. As a member of the organizing committee, Dr. Howarth attended and contributed to the Cranbrook Academy Seminar on "Theory and History of Architecture". He chaired the Audio-Visual Aids Committee meeting at the Association of Collegiate Schools of Architecture annual assembly in St. Louis, and the Conference of Canadian University Schools of Architecture at Halifax. He also attended the Royal Architectural Institute of Canada Assembly in St. Andrews, and as chairman of the RAIC Centennial Committee presented a report.

PROF. ERIC ARTHUR attended the opening of the Fathers of Confederation Memorial Buildings, Charlottetown, for which he was professional adviser. He has now been appointed professional adviser for the Brantford City Hall competition.

PROF. J. H. ACLAND visited many cities in Europe this summer in connection with his study of vaulting, and spent some time in Greece and the Aegean.

PROF. W. E. CARSWELL has his field sketching class at Dorset Camp this fall for the last time prior to retirement.

PROF. W. G. RAYMORE, accompanied by PROF. Y. Y. LEE part of the time, visited cities in Canada in connection with the RAIC study of the profession.

PROF. S. R. KENT has left for a period of study at the University of Liverpool during the coming session.

PROF. ANTS ELKEN has returned from a successful exchange program of teaching at the Royal Danish Academy School of Architecture, Copenhagen.

PROF. JOHN HALL returns to teaching duties after a profitable leave of absence during which he spent some months in Europe; and during the summer he has driven the Trans-Canada Highway preparing illustrations for the book by MR. E. McCOURT soon to be published, *Road Across Canada*.

PROF. EUGENE MATTYASOVSKY of the Division of Town and Regional Planning has received a grant from the CCURR for a study of physical and ecological criteria of outdoor recreation areas.

PROF. FRASER WATTS was selected to lead the CMHC tour of housing in North America sponsored for a student from each Canadian school of architecture entering their final course year.

PROF. RONALD WHITELEY attended the Cranbrook Seminar on architectural education with Dr. Howarth.

MR. ALLEN BERNHOLTZ visited universities in the United States and Canada in connection with a research project on the use of the computer in architectural design and planning; and he also completed a preliminary design for the University of Toronto's Centre of Culture and Technology.

Physical Education

MISSSES HEATHER BLAINE and JUDY MATTHEWS attended the International Congress of Physical Education in Paris during August.

MISS SHEILA DUTRIEUE spent the summer studying at various schools of gymnastics in Sweden, Denmark and Finland.

MISS NANCY BARTLETT and MRS. CAROL ANN LETHEREN secured first class standing as judges in the American Synchronized Swimming Association. Miss Bartlett

achieved perfect marks in both the theoretical and the practical examinations.

MISS DOROTHY JACKSON attended the International Synchronized Swimming Judges meeting at Albany in August.

Social Work

DR. ELIZABETH GOVAN was the keynote speaker and resource person at a Workshop on Rehabilitation in Saskatoon, Feb. 12-14, organized by the provincial co-ordinator of rehabilitation; speaker at the annual meeting of the Moosejaw Family Service Association on Feb. 15; and speaker at the annual meeting of the Cystic Fibrosis Foundation of Canada on Feb. 29.

PROF. J. S. MORGAN conducted a workshop on the Teaching of Administration for Faculty Members on Jan. 29. On Mar. 9 Prof. Morgan read a paper on "The Objectives and Issues of Training in the Field of Welfare" at the opening session of a one-week seminar at Montmorency House, Quebec, for staff training officers of public and voluntary welfare organizations from all parts of Canada, arranged by the Commission on Education and Personnel for the Social Services of the Canadian Welfare Council; and attended the Workshop on Post-graduate Programs in Social Work Education convened by the C.S.W.E. at the Center for Continuing Education, University of Chicago, April 19-20. Prof. Morgan was re-elected a member of the Central Council and an associate member of the Executive Committee of the Canadian Red Cross Society at the annual meeting on May 5.

DR. BENJAMIN SCHLESINGER attended the "International Conference on Socially Handicapped Families" sponsored by UNESCO, in Paris, Feb. 10-13 where he gave a paper on "Social Action Programs for Problem Families" and was on the organizing committee of the conference. Dr. Schlesinger appeared on French TV to discuss "Poverty in Canada" with members of other countries on the same topic; and also visited projects for socially handicapped families in Rotterdam, Holland and discussed new approaches to socially handicapped families with them. Dr. Schlesinger gave a lecture to second year School of Law students on "The Family Counsellor, and the Lawyer"; on Mar. 9 gave an address to the Hamilton Nursing School Association on "The Changing Canadian Family"; discussed the "Family in our Society" in a seminar for inter-professional staff at Sick Children's Hospital, April 1; an address on "The Changing Canadian Family" to the

Child Study Association of Western Ontario, Sarnia on April 23; and to the Y.W.C.A., Willowdale, on "The Changing Role of Women" on April 30. Dr. Schlesinger chaired a panel on "Family Life in Other Countries" at the Ontario Nursery School Association annual conference at Brantford on May 9.

PROF. F. J. RUBENSTEIN gave a speech on "New Trends in Psychiatry" to the Canadian Mental Health Association, North York on March 12; on "The Use of the Therapeutic Community as a Stepping-Stone to Family and Society" at the American Orthopsychiatric Association annual meeting, Chicago on March 21; on "New Concepts in Mental Health" at the Professional Development Program of the Engineering Institute of Canada on Jan. 27; on "Through Your Looking Glass" at the Home for the Aged and Baycrest Hospital on May 13; on "Love" to the nurses at Toronto General Hospital on May 13; and on "Endings and Beginnings" at the Whitby Nurses' Graduation on May 29. Professor Rubenstein has been made a member of the White Cross Centre Committee, Toronto Branch, Canadian Mental Health Association.

PROF. J. A. BYLES was a member of the panel discussing "Professional Education for Interdisciplinary Collaboration" at the meeting of the Council on Social Work Education on Jan. 31; and gave an address on "You and Mental Health" at the annual meeting of the Canadian Mental Health Association, Halton County Branch. Prof. Byles was chairman of the interest group on "Latest Development in the After-Care of Discharged Mental Hospital Patients" in the program of the Canadian Council on Social Welfare, June 3-5. On May 20 he completed a six-week lecture series on "Understanding Personality" for the Y.M.C.A. Central Branch So-Ed Program.

DR. TADEUSZ GRYGIER lectured on "Personality Formation and Personality Profiles" at Hofstra University (New York); and gave a consultative seminar to faculty and doctoral students in psychology engaged in researches involving his tests, the Dynamic Personality Inventory and the Likes and Interests Test, at New York University. Dr. Grygier was associate chairman of the section of corrections, Faculty Day Conference, Council on Social Work Education; and has been appointed Director of Research, Ontario Department of Reform Institutions.

DR. J. C. SPENCER has been appointed editor of the Canadian Journal of Corrections. Dr. Spencer lectured on "Social Work

and the School" at the meeting of vice-principals, Ontario Education Association, on March 30; gave a paper on "Changes in Family Structure and Family Function" to the Seminar on Family at the 19th Canadian Conference on Social Welfare, Hamilton, June 2-5; contributed to the symposium on "Canadian Families: Present and Future" of the Canadian Conference on Family, Ottawa, June 7-10. Dr. Spencer has been made a member of committee appointed by the Minister of Reform Institutions, Province of Ontario, to consider the revision of the Training Schools Act.

PROF. B. W. LAPPIN acted as discussion leader to one of the commissions of the Canadian Association for Adult Education Conference, April 24-26.

PROF. W. A. BOURKE was consultant to the London Family Centred Project regarding the design of research instruments related to their research design at meetings on April 23, June 8, 18 and 25.

MR. JAMES GRIFTON gave an address on "Administration of Family Service Agencies" to the Association of Directors of Canadian Family Service Agencies; spoke at the Workshop on "Staff Allocation and Caseload Weighting in Public Assistance Agencies" in May and on "Principles of Caseload Weighting" on June 4 to the Canadian Conference on Social Welfare; and in August addressed the School of Social Service Administration, University of Chicago on "Project on Staff Utilization and Work Organization".

DR. RETA LINDENFIELD addressed the Central Region Conference of Social Workers in Mental Health Division of the Ontario Department of Health on May 29 on "The New Mental Health Program in Ontario: Its Implications for Social Workers". Dr. Lindenfield has been re-elected to the National Board of Canadian Association of Social Workers for a three-year term of office, and appointed national chairman of the C.A.S.W. Committee on Professional Competence.

Nursing

MRS. DOROTHY BURWELL spoke on "Psychodrama" at the Toronto Psychiatric Day Care Centre; and on "Research in Psychiatric Nursing" at the Toronto Psychiatric Hospital In-Service Education Program in April.

PROF. MURIEL UPRICHARD spoke at the annual meeting of the Registered Nurses' Association of Saskatchewan; and also presented a paper entitled "Speaking Per-

sonally" at the Registered Nurses' Association of Ontario annual meeting.

PROF. JEAN WILSON spoke on "Achieving Objectives in the Introductory Course in Nursing" to the Nursing Education students at the University of Western Ontario in April.

PROF. HAZEL WILSON presented a paper to the T.B. Association of Saskatchewan in Regina.

PROF. PHYLLIS JONES is conducting a study of the "Functions of Nursing Personnel in Public Health Units", sponsored by the Canadian Public Health Association.

PROF. J. E. WATSON presented a report at the annual meeting of the Canadian Conference of University Schools of Nursing which met in Charlottetown.

PROFS. KATHLEEN KING and WATSON and MRS. C. J. BREHAUT attended the annual meeting of the Canadian Nurses' Association in St. John's, Nfld.

Hygiene

The School of Hygiene, University of Toronto, was host for the annual meeting of the Association of Schools of Public Health, April 6-8. Representatives of the fourteen accredited Schools of Public Health in the United States, Puerto Rico, and Canada attended the meeting, together with guest delegates from various governmental agencies in the United States and Canada and the Pan American Health Organization.

DR. A. M. FALLIS was invited to present a paper on "Review of Observations on the Feeding, Longevity and Flight Range of Simuliids and Ceratopogonids" at the XII International Congress of Entomology, July 7-16 in London, England and also presented a paper on "Attraction of Some Simuliids to Ether Extracts From Birds and to Carbon Dioxide". Dr. Fallis participated in a conference arranged by WHO at Geneva to discuss "Black Flies in Relation to Transmission and Control of Onchocerciasis in Africa", July 22-24. He also attended a refresher course in parasitology held Aug. 26 at Boulder, Colorado, under the auspices of the American Societies of Parasitology, Protozoology, Nematology and Zoology, and spoke on "Life Cycles of Parasitic Protozoa".

The World Health Organization selected DR. JOHN HASTINGS as one of nine international participants for a special program on International Health and Health Services Planning held at the Johns Hopkins School of Hygiene and Public Health during April and May. Subsequently Dr. Hastings spent

a month of observation of the new Latin American health planning method as it was being applied in Venezuela and El Salvador as a part of overall socio-economic development planning. While in Venezuela, he was invited to give a paper at the School of Public Health on recent developments in health services planning in Canada.

In August and early September Dr. Hastings was in Scandinavia and at WHO headquarters in Geneva as a follow-up on a study of their health services patterns and medical education methods. He lectured on health services patterns and recent developments in Canada at the course for health officers at the Scandinavian School of Public Health in Gothenburg, Sweden.

Child Study

PROF. M. F. GRAPKO was elected Canadian representative to the Administrative Council of the International Federation of Parent Education. Prof. Grapko acted as special adviser at the Northwestern Youth Leadership Training Course at the Quetico Conference and Training Centre, Kawene, Ont., Aug. 30-Sept. 7.

PROF. J. A. McINNES participated as a panel member at the Canadian Education Association convention held in Winnipeg, Sept. 16-18. The topic of the panel discussion was "Developing Sound Concepts of Reading and Reading Development".

MISS ANNE LANGSTAFF worked on the "Riverside Community Project", a research centre of mental retardation at Pacific State Hospital, Pomona, Calif., during July and August.

Computer Science

MESSRS. R. F. DENIS and I. FARKAS, PROFS. T. E. HULL and J. N. P. HUME participated in the Fourth Conference of the Computing and Data Processing Society of Canada, held at the University of Ottawa, May 11-12. Prof. Hume presented the keynote address on "The Promise of Computer Science". Mr. Denis presented the paper on "A Comprehensive Program for Computer Time Accounting" by himself and PROF. C. C. GOTLIEB.

PROF. C. C. GOTLIEB delivered the following lectures as an invited speaker of the 1963-64 lectureship series of the Association for Computing Machinery: "Sorting on Computers" to the Detroit ACM, April 7; "The Literature of Computers" to the Shreveport, La. ACM, April 8; "Sorting on Computers" to the Bartlesville, Okla. ACM,

April 9; "Structure on Syntactic Programming Languages" to the San Fernando, Calif. ACM, March 18; "Sorting on Computers" to the Pikes Peak, Colo. ACM, March 19, Prof. Gotlieb, as a visiting scientist of the ACM, also spoke in La Jolla at the University of California, San Diego, on "Syntax Directed Compilers" on March 17. He gave a lecture on "The Literature of Computers" to the U.S. Air Force Academy, Colorado Springs on March 19. Prof. Gotlieb acted as chairman of the "Business Data Processing" session of the 1964 Spring Joint Computer Conference in Washington, April 21-23; attended the council meeting of the International Federation for Information Processing in Prague, May 13-15; participated with PROFS. T. E. HULL and B. H. WORSLEY in the ACM National Conference in Philadelphia, Aug. 25-28; and attended the IBM sponsored conference on "Literary Data Processing" in Tarrytown, N.Y., Sept. 8-11.

PROF. T. E. HULL gave a seminar to the Computation Center of Stanford University on "A Numerical Integration of Ordinary Differential Equations" on Aug. 12.

PROF. J. N. P. HUME spoke to the Vaughan Township Teachers' Association on "Science in the Elementary School" in March; and on "Computers" to the Summer Institute in Science of the Royal Canadian Institute at Lakefield in July.

PROF. W. M. KAHAN delivered a lecture to the Computing Centre Seminar of the University of British Columbia on "Elementary Methods for Solving ($F(X) = 0$)" on Feb. 28; participated in the SHARE Twenty-second meeting held in San Francisco in March and presented a paper in the Tutorial Session on "Error Control in Matrix Calculations"; visited the University of California, Berkeley, and addressed the joint Stanford-Berkeley colloquium on "Accelerating the Solution of the Characteristic Equation of a Symmetric Matrix" on March 5; gave a lecture to the Computation Center of the Case Institute of Technology, Cleveland on March 20; participated in the Conference on Matrix Computations in Gatlinburg, Tenn., April 13-18; and also the SHARE Twenty-third meeting in Philadelphia, Aug. 17-21.

PROF. B. H. WORSLEY chaired the Session on University Users Interest Group at the SHARE Twenty-third meeting in Philadelphia.

Seminars have been given at the Institute of Computer Science by PROF. G. SALTON, The Computation Laboratory, Harvard Uni-

versity; and DR. C. L. LAWSON, California Institute of Technology.

Royal Ontario Museum

DR. L. S. RUSSELL spent most of July and August in Saskatchewan and Alberta, investigating areas for further palaeontological field work by the Museum. Four seasons of work were outlined and at least one major discovery was made. For part of the period Dr. Russell was assisted by R. R. HORNELL and GORDON GYRMOV. Later Mr. Gyrmov left for the Alaska Highway in British Columbia to take part in a joint palaeontological expedition with the American Museum of Natural History.

The Press

The following have been published by the Press since the March issue of the *Bulletin*:

The Languages of Criticism and the Structure of Poetry. By R. S. Crane. (Canadian University Paperbooks No. 22) \$1.95

Towards a World of Plenty? By Barbara Ward. \$2.95 cloth, \$1.45 paper

Science: The Glorious Entertainment. By Jacques Barzun. \$6.00

Human Senses and Perception. By G. M. Wyburn. \$7.00

Imagination and the University. By Jacob Bronowski, Henry Steele Commager, Gordon W. Allport, and Paul H. Buck. \$2.95

Davidson Black, A Biography. By Dora Hood. \$5.00

The Private Member of Parliament and the Formation of Public Policy: A New Zealand Case Study. By Robert N. Kelson. \$4.75

Le Roman de Renart dans la littérature française et dans les littératures étrangères au Moyen Age. By John F. Flinn. \$5.00

Testament of My Childhood. By Robert de Roquebrune. Translated by Felix Walter. \$4.95 cloth, \$1.95 paper

A Protest Movement Becalmed: A Study of Change in the CCF. By Leo Zakuta. \$5.95

Zola before the Rougon-Macquart. By John C. Lapp. \$5.00

The Poetical Works of Taras Shevchenko. By C. H. Andrusyshen and Watson Kirkconnell. \$8.00

Essays in English Literature from the Renaissance to the Victorian Age Presented to A. S. P. Woodhouse. Edited by Millar MacLure and F. W. Watt. \$7.50

The Career of Arthur Hamilton Gordon, First Lord Stanmore. By J. K. Chapman. \$8.50

The Class of '84. Edited by W. G. E. Evans. \$1.50

The Humanities in Canada: A Report Prepared for the Humanities Research Council. Edited by F. E. L. Priestley. \$6.00

The Seed of Wisdom: Essays in Honour of T. J. Meek. Edited by W. S. McCullough. \$5.50

The American Ophthalmological Society: The First Hundred Years. By Maynard C. Wheeler. \$10.00

International Statistical Institute Proceedings. \$30.00

Canadian Slavonic Papers VI. Edited by Adam Bromke. \$4.95

The Canadian Annual Review for 1963. Edited by John Saywell, assisted by Donald Forster. \$15.00

Continental Porcelain of the 18th Century. By Rollo Charles. \$16.00

A Social History of English Music. By E. D. Mackerness. \$7.00

The Irish Administration, 1801-1914. By R. B. McDowell. \$8.25

The Memoirs of C. B. Sissons: Nil Alienum. \$5.00

Aspects of Modern Ferrous Metallurgy. By J. S. Kirkaldy and R. G. Ward. \$20.00

Bell and Baldwin: Their Development of Aerodromes and Hydrodromes at Baddeck, Nova Scotia. By J. H. Parkin. \$15.00

Pedophilia and Exhibitionism: A Handbook. By J. W. Mohr, R. E. Turner, and Marian B. Jerry. \$8.75

Geochronology in Canada. Edited by F. Fitz Osborne. \$5.95

Shakespeare's Problem Plays. By E. M. W. Tillyard. (Canadian University Paperbooks No. 25) \$1.75

Crucial Maps in the Early Cartography and Place-Nomenclature of the Atlantic Coast of Canada. By W. F. Ganong. \$15.00

Wolfe and Montcalm. By H. R. Casgrain. (Canadian University Paperbooks No. 27). \$1.95

Pioneer Days in Upper Canada. By E. C. Guillet. (Canadian University Paperbooks No. 30) \$1.95

Other Books

The Law and Business Administration in Canada, an outline of Canadian business law and its applications in contract real estate, forms of business organization and credit transactions. By J. E. Smyth and D. A. Soberman. Prentice-Hall of Canada, 1964. \$8.75

Treats and Treasures, a reader for grade 3 children, John A. McInnes. Thomas Nelson's and Sons, Toronto, 1964.

Mathematics, Grade Seven; Secondary School Mathematics, Grade 10; Secondary School Mathematics, Grade 11; Secondary School Mathematics, Grade 12, preliminary edition. By W. B. MacLean and D. L. Mumfort. Copp Clarke.

Stress and Release on an Urban Estate. By J. C. Spencer. Tavistock Publications—London, and Humanities Press, New York.

Three Restoration Comedies. Edited by George Falle. MacMillan Company of Canada.

Honorary Degrees

The Provost of Trinity College delivered the Convocation address at Emmanuel College, Saskatoon, and on that occasion received the degree of Doctor of Divinity (*honoris causa*).

DR. H. N. FRYE, principal of Victoria College, received an honorary degree of Doctor of Literature from the University of Manitoba in May.

PROF. W. A. C. H. DOBSON of the department of East Asian studies received an honorary Doctor of Letters degree from Oxford University.

DR. D. C. ROUILLARD, head of the department of French in University College, re-

ceived the Doctor of Letters degree from his alma mater, Bowdoin College.

PROF. KATHLEEN COBURN of the department of English, Victoria College, was granted an honorary doctorate by Queen's University on May 23.

Women's Athletics

The Benson Building is again reserved on Monday nights for women members of the faculty. Courses in various types of activity, including swimming, will begin on Monday, Oct. 19. For further information please telephone 928-3436.

Appointments and Promotions

Administration

DR. GILBERT DE B. ROBINSON, professor of mathematics, has been appointed to the new post of Presidential Adviser on Scientific Research Policy. He will be concerned with stimulation and co-ordination of all scientific research with the exception of the health sciences. Prof. Robinson is also chairman of the Associate Committee of National Research Council for Mathematics and Applied Mathematics.

Hart House

THE REV. JAMES S. CUNNINGHAM has been appointed chaplain to Hart House, a post he occupied from 1955 to 1960. In the interim he has done graduate work in the department of philosophy, and will be a special lecturer in the department. Mr. Cunningham succeeds the REV. A. M. McLACHLIN, who has resigned to carry on graduate studies.

Arts and Science

Two departments in the faculty have new chairmen. TOM F. S. McFEAT heads the department of anthropology and E. W. NUFFIELD the department of geological sciences.

DR. McFEAT, who succeeds the late T. F. McILWRAITH, has been associate professor of anthropology at Carleton University. Educated at McGill and Harvard, he has taught at the University of New Brunswick and Harvard, and was chief ethnologist of the National Museum of Canada from 1959 to 1963.

DR. NUFFIELD succeeds G. B. LANGFORD, who remains on the geological sciences staff, and as director of the Great Lakes Institute. Dr. Nuffield was educated at the University of British Columbia and at Toronto, and joined the Toronto staff in 1943. For the past two years he has been associate dean of the Faculty of Arts and Science.

Succeeding Dr. Nuffield as associate dean is A. D. ALLEN of the department of chemistry. Dr. Allen came to Toronto in 1959 after holding a research chemist post with International Nickel Co. of Canada Limited. Previously he taught at the University of London, England, his alma mater.

In the department of chemistry KEITH YATES has been appointed executive assistant to the chairman of the department, a new post.

R. R. LANGFORD of the department of zoology has been appointed associate chairman of the department, a newly created position.

R. A. SPENCER holds the new position of associate chairman in the department of history.

G. M. WICKENS, chairman of the department of Islamic studies, has been appointed acting chairman of the department of East Asian studies, following the resignation of W. A. C. H. DOBSON, who wishes to devote more time to teaching and research.

Newly-appointed professors in the Faculty of Arts and Science are:

THEODOR SCHMIDT-KALER (astronomy) was educated in Munich, in Paris and at Göttingen Observatory, Germany. For eight years he has been at the Bonn university observatory as second in command, and was in charge of the Bonn radio observatory for a year. He has also been recently in charge of the joint Hamburg-Bonn-Tautenburg project involving photographic photometry of star clusters.

S. C. NYBURG (chemistry) was educated at Universities of London and Leeds. After three years as crystallographer with the British Rubber Producers Research Association he joined the Keele University, England, staff, where he has been senior lecturer in physical chemistry. Last year he was on leave as visiting professor of crystallography at University of Pittsburgh.

ERICH VON RICHTHOFEN (Italian and Hispanic studies) was educated in Rome, Venice, Madrid, and at Universities of Hamburg, Berlin, and Frankfurt-Main. He has taught at Frankfurt, University of Chicago, University of Alberta, and for the past two years at Boston College. He has been guest lecturer in Germany, Madrid, Barcelona, Oxford, Vancouver, Kingston, Poitiers and Venice.

Three professors have been appointed in mathematics.

W. C. G. FRASER has been working in the university's Institute of Computer Science

for the Defence Research Board. He is a Toronto graduate who previously served with the Royal Canadian Navy and taught at Dartmouth College.

T. E. HULL, visiting professor last year, was supervisor of the University of British Columbia Computing Centre, and professor of mathematics there. He is a member of the National Research Associate Committee on Computers.

H. A. HEILBRONN was educated in Berlin, Freiburg, Göttingen and Cambridge. After war service in the Royal Signals and Intelligence Corps he taught at University College, London, and at Bristol, where he has been in charge of pure mathematics. He is a member of the Royal Society and past president of the London Mathematical Society.

B. P. STOICHEFF (physics) was visiting scientist at Massachusetts Institute of Technology last year. A Toronto graduate, he joined the National Research Council in 1953, becoming senior research officer, spectroscopy section, division of pure physics.

D. R. CAMPBELL (political economy) has been head of the department of agricultural economics at Ontario Agricultural College, Guelph. He won seven scholarships at Toronto, which he entered after five years as a farmer, and three as an RCAF pilot. He went to Oxford in 1949 as a Rhodes Scholar.

A. M. ZIMMERMAN (zoology) has been assistant professor of pharmacology at State University of New York College of Medicine, Brooklyn. He has held posts with New York University, Newark State College, Marine Biological Laboratory at Woods Hole, Mass. and the National Cancer Institute at University of California, Berkeley.

In the department of anthropology CHARLES FRANTZ, head of this department of Portland State College for the past four years, will be visiting professor this year.

MISS HELEN MUCHNIC will be visiting professor of Slavic studies. She has taught at Smith College since 1930, and a year ago was appointed Helen and Laura Shedd Professor of Russian Language and Literature there.

Newly appointed associate professors are:

MISS HSIO-YEN SHIH (East Asian studies) is also assistant curator of the Far Eastern department, Royal Ontario Museum. She has been doing research in Japan under the auspices of the Canada Council.

LESLIE CURRY (geography) was educated at the University of Durham and at Johns Hopkins University. He served with the Royal Navy for five years. He has taught at

the Universities of Washington, Auckland, N.Z., Maryland, and for the past year has been at Arizona State University.

J. J. FAWCETT (geological sciences) studied at Manchester and Pennsylvania State universities. He has been with the Geophysical Laboratory, Carnegie Institution of Washington the past three years.

J. L. CRAMMER-BYNG (history) returned to Cambridge for a degree in Chinese after service with the British Army. In 1953 he joined the office of the British Commissioner General for south-east Asia in Singapore. He has been doing research into Sino-Western relations in the nineteenth century with special reference to the problems of communication between Chinese and foreign officials.

R. H. MCNEAL (history) was educated at Yale and Columbia and has taught at Princeton, University of Alberta, and for two years at McMaster.

ELEAZAR BIRNBAUM (Islamic studies) graduated from University of London's School of Oriental and African Studies. He was with the University of Durham library from 1953 to 1960 and has since been Near Eastern bibliographer and head of Near Eastern and South Asia unit, University of Michigan library. He is known to have made the great Islamic collections at Durham and Michigan, and his rules for Persian classification and transliteration have just been adopted by the Library of Congress and the American Library Association.

GIAN-ROBERTO SAROLLI (Italian and Hispanic studies) graduated from Pavia University, Italy, and has taught there, at Bocconi University, Milan, Montana International Institute in Switzerland, in Buenos Aires, and at University of Pennsylvania, and at Johns Hopkins University.

RICHARD W. JUDY (political economy) has been fulfilling military service in the United States Air Force, and teaching at the School of Systems and Logistics, Institute of Technology, Air University, Wright Patterson Air Force Base, Dayton, Ohio. Educated at the University of Kansas, Columbia, Harvard and at Middlebury College, he participated in the first graduate student exchange between the US and the USSR.

YEHUDA KOTOWITZ (political economy) was educated at Hebrew University, Jerusalem, where he studied law, then economics, and at University of Chicago. He was a government statistician in Jerusalem, has taught there, at Chicago and at Johns Hopkins University, and studied at the University of Moscow.

J. C. OGILVIE (psychology) is a graduate of St. Andrew's University, Scotland, University of British Columbia, and Toronto. He has been an industrial chemist in Britain, has taught at McMaster, and was a visiting research fellow at University of London.

Newly-appointed assistant professors are:

C. D. COOK (chemistry) graduate of Manchester University and of Toronto, where he earned his Ph.D. in 1962 is returning from University College, London.

I. G. CSIZMADIA (chemistry) a graduate of the Polytechnical University of Budapest, Hungary, and of University of British Columbia, has been doing postdoctoral work at Massachusetts Institute of Technology.

TUPPIL VENKATACHARYA (East Asian studies) was educated at the Universities of Madras and Calcutta in India, has held posts at Calcutta, and at Gauhati University, and directed the post-graduate research institute at Nalanda. Last year he lectured on classical Sanskrit at the University of Rome.

EMILIO CASETTI (geography) practiced law in Rome for five years after graduation from the University of Rome where he studied law and economics. He then studied geography in Rome and at McGill and Northwestern universities, where he has been working towards his Ph.D. He has also been teaching at the University of Manitoba.

R. C. HARRIS (geography) graduated from University of British Columbia, and the University of Wisconsin where he earned M.A. and Ph.D. degrees.

R. C. BROWN (history), specialist in Canadian-American relations, educated at Rochester and Toronto, has been assistant professor of history at the University of Alberta.

R. J. HELMSTADTER (history) graduate of Yale and Columbia, has taught at the University of Leicester, and for the past three years at Harvard.

KUNIO MURASUGI (mathematics) was educated at Tokyo University of Education, Japan, came to Toronto to earn his M.A. and returned to Tokyo for his D.Sc. He was on the staff of Hosei University, Tokyo and for the past two years has been a research associate at Princeton.

M. A. AKOGLU (mathematics) was educated at Istanbul Technical University, Turkey, and at Brown University, where he earned his Ph.D. in electrical engineering, and where he has taught the last four years. During 1958-1960 he was a lieutenant in the Turkish navy.

JOHN F. RIGBY (mathematics) educated at Cambridge, was scientific officer, Government Communications Headquarters, Chel-

tenham, England, for three years, and since 1959 has taught at University College, Cardiff, Wales.

R. J. BALCOMBE (physics) was educated at Cambridge and did research work in the Royal Society Mond Laboratory. He has taught at Dalhousie University for three years.

G. T. GILBERT (political economy) is a Toronto graduate and a chartered accountant. He was auditor with Clarkson Gordon and Company for five years, and consultant with Woods, Gordon and Company for the past two years. He has lectured to students in summer and evening extension courses.

C. D. CREELMAN (psychology) was educated at Harvard College, University of Michigan and Johns Hopkins University. He has been teaching at the University of Southern California and has also been associate director of research, subcommittee on Noise Research Centre, Los Angeles.

J. A. HOGAN (psychology) was educated at the University of Chicago and at Harvard, where he has also taught. Last year he was research associate at the University of Groningen, Holland.

R. O. KROGER (psychology) graduate of Sir George Williams University and London School of Economics and Political Science, Columbia, and University of California, has held posts with the U.S. Department of Commerce, and at the University of California, where he has been assistant research psychologist.

G. C. WALTERS (psychology) earned his degrees in experimental physiological psychology at the University of Buffalo, and has taught there. For three years he has been with the University of Portland, Oregon.

A. J. FEIDER (psychology) graduated from Rutgers University and has been working towards his Ph.D. at Indiana University where he holds a research assistantship.

J. E. R. STADDON (psychology) earned his Ph.D. in experimental psychology this year at Harvard. He worked in Central Africa for two years with the World Health Organization as consultant on the health and nutrition project of Northern Rhodesia government. He has done research in the Neurology section of the Electronic System Laboratory at Massachusetts Institute of Technology and at the Center for Cognitive Studies, Harvard.

J. J. LOUBSER (sociology) a graduate of the University of Stellenbosch, South Africa, has just earned his Ph.D. at Harvard, and has been research assistant in the Laboratory of Social Relations there.

H. K. NISHIO (sociology) was educated at Doshisha University, Kyoto, Japan, and at the University of California, where he earned his Ph.D. in 1960 and where he has been teaching.

J. J. REARDON (zoology) comes from Eastern Oregon College. He was previously chairman of the department of zoology, San Fernando Valley College and at College of Charleston, South Carolina. His training was at Universities of Michigan and Oregon, with postdoctoral study at Hopkins Marine Station of Stanford University, Michigan and Cornell Universities.

MISS GENEVA H. WILLIAMS (zoology) was educated at University of Missouri, Vanderbilt University, Peabody College, and Washington University and has done research at Duke University Marine Laboratory and University of Virginia Mountain Lake Biological Station.

P. W. HOCHACHKA (zoology), graduate of the Universities of Alberta and Dalhousie, has been working towards his Ph.D. at Duke.

Promotion in the Faculty of Arts and Science to the rank of professor have gone to: J. N. EMERSON (anthropology); A. D. ALLEN (chemistry); J. B. CURRY (geological sciences); J. C. CAIRNS, G. M. CRAIG, W. H. NELSON and R. A. SPENCER (history); MISS B. M. CORRIGAN and DIEGO MARIN (Italian and Hispanic studies); MISS E. J. ALLIN (Physics); and J. G. EAYRS, P. W. FOX, S. G. TRIANTIS, and MISS E. M. WALLACE (political economy).

Promotion to the rank of associate professor have gone to: LAWRENCE OSCHINSKY and J. W. VAN STONE (anthropology); P. R. DEMARQUE and J. D. FERNIE (astronomy); J. F. MORGAN-JONES (botany); STEWART MCLEAN, E. A. ROBINSON, and KEITH YATES (chemistry); C. C. SHIH (East Asian Studies); H. A. BROOKS (Fine Art); F. B. WATTS (geography); G. R. COOK, P. C. T. WHITE and M. ZASLOW (history); W. T. MCREADY (Italian and Hispanic studies); W. M. KAHAN and R. A. ROSS (mathematics); R. J. BUTLER, DAVID GALLOP and J. M. O. WHEATLEY (philosophy); I. M. DRUMMOND and W. E. GRASHAM (political economy); MISS M. W. LAURENCE and G. E. MACDONALD (psychology); C. H. BEDFORD (Slavic Studies); MISS J. R. BURNET and LEO ZAKUTA (sociology); R. A. LIVERSAGE and T. S. PARSONS (zoology).

The following have been promoted to assistant professorships: E. J. BROOKER (geological sciences); J. M. BEATTIE and H. C. JOHNSON (history); L. M. KENNY and C. M. KORTEPETER (Islamic studies); D.

R. BREACH, R. R. BURNSIDE and P. B. CHAPMAN (mathematics); J. H. WOODS (philosophy); M. J. HARE and RICHARD GREGOR (political economy); MRS. HELEN FLORUK and D. G. HUNTLEY (Slavic studies).

University College

C. J. HERRINGTON, who has been visiting professor for two years, has been appointed associate professor in the department of classics. He is an Oxford graduate and previously taught in the Universities of Manchester and Exeter, and at Smith College.

G. V. SUMMER will be visiting associate professor in the same department. An Oxford graduate, he has held appointments in the British Museum, at Rhodes University, South Africa, Newcastle University College in Australia and in the University of Canterbury in New Zealand. He has written extensively on subjects connected with Greek and Roman history.

J. M. R. MARGESON has been appointed associate professor in the department of English, and to the same position in Scarborough College. He is a graduate of the Universities of British Columbia and Toronto, and has been head of the department of English at Acadia University.

In the department of French, PIERRE R. A. LÉON has been appointed associate professor. He is a graduate of the University of Besançon. He has taught phonetics at the Sorbonne; also taught national radio speakers, and actors; lectured at Ohio State University, at Besançon, and in various universities in Europe and Mexico. Dr. Léon acted as consultant to UNESCO in creation of a centre of linguistics and school for translators and interpreters in Warsaw. He will do undergraduate work in phonetics and in the college language laboratory, and teach advanced and experimental phonetics in the School of Graduate Studies. Since 1960 he has published four books and numerous articles.

Three assistant professors have been appointed in the department of French. CÉCILE CLOUTIER has studied at Laval, and at the Sorbonne on a Royal Society of Canada fellowship, and later on a Canada Council fellowship. She was taught in Quebec and since 1958 has been assistant professor of French and aesthetics at the University of Ottawa. Dr. Cloutier has won distinction in both creative and critical writing. Among the courses she will give is a graduate course on French-Canadian poetry.

A. G. FALCONER has been lecturing in the University of Glasgow. He studied at Oxford

and at l'Université d'Aix-Marseille. He has worked in Sweden as lektor for the Universities' Joint-Extramural Board, and tutored for a year at Oxford. Dr. Falconer has worked mainly on 19th- and 20th-century French novel and drama, fields in which he has published articles and reviews.

CLAUDE PERRUCHOT, graduate of the University of Paris, taught for three years in Paris lycées and at the Paris Ecole Normale d'Enseignement Technique, then at the College Français d'Istanbul, and in Cairo. As a Fulbright Fellow he taught at University of Kentucky in 1962 and the following year at Boston University. His principal teaching will be in 18th-century literature and thought.

Visiting professor MAURICE REGARD, graduate of the University of Paris, has taught at Universities of Bordeaux and Rabat (Morocco), Algiers, and Clermont, France. He is now professor of French Language and Literature and head of the department of French at University of Aix. He will give a seminar on Balzac in the School of Graduate Studies, and an undergraduate course in modern literary criticism in France.

A. KIRK GRAYSON has been appointed assistant professor in the department of Near Eastern Studies. He earned his Ph.D. degree at Toronto, studied at University of Vienna and at Johns Hopkins University. During 1962-63 he participated in the preparation of the great Assyrian dictionary at the Oriental Institute, University of Chicago. He then joined the staffs of Temple University, Philadelphia, and the University of Pennsylvania.

Promotions have been made to: F. W. WATT (English) and HUMPHREY MILNES (German) to the rank of professor;

J. F. LEYERLE (English) and P. F. DEMBOWSKI (French) to the rank of associate professor;

D. CARROLL, R. I. C. CRAZIANI, P. F. MORGAN, J. M. MUNRO, D. I. B. SMITH (English), and R. F. G. SWEET (Near Eastern) to assistant professorships.

Scarborough College

D. LEWIS C. MILLER has been appointed director of extension of the college, and also assistant professor of philosophy in both the college and the university. Dr. Miller was program organizer of the Canadian Broadcasting Corporation for seven years. Previously he was associate professor and head of the department of philosophy at the University of New Brunswick. After service in

north-west Europe, he entered Dalhousie University, went to the University of Edinburgh on a Beaver Club scholarship and earned his M.A. and Ph.D. degrees.

R. L. JAMES, appointed professor of sociology, was visiting professor in the university last year and was previously head of the department of sociology at University of Alberta. He is a graduate of Wayne State University and the University of Oregon, and taught at Oregon, Universities of Nevada and Montana State before going to Edmonton in 1956.

The following associate professors have been appointed:

F. R. LORRIMAN (chemistry), a member of the university's department of chemistry;

J. M. R. MARGESON (English), graduate of the Universities of British Columbia and Toronto, has been head of the department of English at Acadia University;

F. B. WATTS (geography) a member of the university's department of geography;

MORRIS ZASLOW (history), a member of the university staff also;

BERT FORRIN (psychology), educated at Toronto and at University of Michigan, has held posts at Michigan, Universities of Texas and Arizona and recently at University of Washington.

Newly appointed assistant professors are:

R. C. ROEDER (astronomy), educated at McMaster University and the University of Illinois, has been teaching at Queen's University;

G. F. ISRAELSTAN (botany) educated at the University of Witwatersrand, South Africa and at University of London, has taught at Natal Technical College, Durban, University of College of Port Hare, South Africa, Medway College, England, Regent Street Polytechnic Institute, London, and most recently at University of Birmingham;

J. D. KING (physics) graduate of Toronto and Saskatchewan, has been assistant professor of physics at Saskatchewan for three years;

N. M. MELTZ (economics) graduate of Toronto and Princeton, where he has just earned his Ph.D. degree, is manpower consultant to the Economic Council of Canada;

P. C. MOES (French) is a member of the same department in University College;

D. P. WAKFER (mathematics), graduate of Toronto, has been lecturing at Collège Militaire Royale de St. Jean, Quebec City;

D. G. BUTLER (zoology) has been studying towards his Ph.D., and has held teaching posts in the departments of biology, botany and zoology at University of British Colum-

bia, and at the University of Sheffield, England.

R. D. RODGERS, appointed lecturer in English, is a Toronto graduate who has been teaching at McGill University.

Of the new appointees listed above PROFS. JAMES, FORRIN, ISRAELSTAN, KING, MELTZ, WAKFER and BUTLER have also been appointed to the staff of the Faculty of Arts and Science in the University of Toronto, and PROF. MARGESSON to the department of English in University College.

J. L. BALL, graduate of Cambridge University, appointed College librarian, has been on the central university library staff.

New College

DAVID A. A. STAGER has been appointed dean of students in the college and will also be lecturer in the university's department of political economy. Dr. Stager earned a B.S.A. in Economics at Ontario Agricultural College; went to Johns Hopkins University to earn an M.A. in political economy; attended Oxford on a Rhodes scholarship, and has been at Princeton latterly working on a doctoral dissertation. His fields of special interest are the economics of education and of underdeveloped countries.

D. I. B. SMITH, on the staff of the department of French in University College, has also been appointed assistant professor of English in New College.

Innis College

G. B. PAYZANT, assistant professor of philosophy, has been appointed registrar of the college.

J. M. MUNRO, who is assistant professor of English in University College, has been appointed to the same post in Innis College.

Trinity College

GORDON WATSON, after two years at McGill, returned to the college as associate professor and acting head of the department of religious knowledge.

H. G. KYRITZ has been appointed assistant professor in the department of German. A graduate of the University of Wurzburg, he has been teaching at the University of Saskatchewan since 1960.

GEORGE SPRAGGE, formerly archivist of the Province of Ontario, has been appointed college archivist.

THE REV. EUGENE R. FAIRWEATHER, who has been on sabbatical leave for the past year, has been appointed Keble professor of divinity.

THE REV. DAVID A. P. SMITH has been appointed college chaplain.

Victoria College

MME MONIQUE LÉON, internationally known specialist in phonetics, has been appointed assistant professor to take charge of this part of the program.

Emmanuel College

THE REV. GREER W. BOYCE has been made associate professor of pastoral theology.

Medicine

R. IAN MACDONALD, director of the division of postgraduate medical education has an additional appointment, that of associate dean of the faculty, a newly-created post.

W. R. FEASBY is executive assistant to the dean, and will continue his appointments as lecturer in the history of medicine and in the department of physiology.

DR. THEODOR HOFMANN has been appointed associate professor (biochemistry). He was educated at the Swiss Federal Institute of Technology, Zurich, and has a Ph.D. in pharmaceutical chemistry. His posts have included that of research assistant in the department of biological chemistry, University of Aberdeen; he has done research on milk proteins at Agricultural Research Council at Hannah Dairy Research Institute, Ayr, Scotland, and taught at the Universities of Sheffield and Washington.

M. J. FRASER has been appointed associate professor (medical biophysics). He has a B.Sc. in physical chemistry from Dalhousie University, and an M.Sc. in cellular physiology and Ph.D. in colloid science from Cambridge, where he held an 1851 Exhibition scholarship. Dr. Fraser spent two years with the National Institute for Research in Dairying, Reading, England, then a year at McGill-Montreal General Hospital Research Institute. Since 1959 he has been on the University of Manitoba staff.

CLIFFORD P. STANNERS has been appointed assistant professor (medical biophysics). He is a graduate of McMaster University with a B.Sc. in honours physics. He earned his M.A. here and won the Reeve prize for research, then earned his Ph.D. and was awarded the Damon Runyon Cancer fellowship for study at the Massachusetts Institute of Technology.

RAMANANDA SINHA has been appointed assistant professor (pharmacology). He is a graduate of the University of Calcutta, with M.Sc., M.D.B.S. and D.Phil. degrees.

Dr. Sinha has been with the Defence Research Laboratories here since 1962 as a National Research Council post-doctoral research fellow.

Promotions to the rank of professor have gone to RAMSAY GUNTON (therapeutics); SYLVIA H. BENSLEY (anatomy) and HAROLD KALANT (pharmacology);

To the rank of associate professor to H. B. FAIRLEY (anaesthesia); G. F. LEWIS and D. L. MCLEOD (anatomy); WILLIAM R. BRUCE, E. A. MCCULLOCH (medical biophysics); B. BERRIS, D. B. MORAN and E. J. TROW (medicine); E. LLEWELLYN-THOMAS (pharmacology); G. J. HETENYI (physiology) and NEIL A. WATTERS (surgery);

To assistant professorships: J. A. VINING and H. W. BOYES (anaesthesia); WILMA M. BROWN (anatomy); G. H. HAWKS, MARION ROSS and T. E. ROY (bacteriology); NORMAN ASPIN (medical biophysics); H. J. M. BARNETT and H. C. HAIR (medicine); J. E. BOONE and Mrs. M. THOMPSON (paediatrics); DAVID J. LEWIS, HARVEY STANCER and R. E. TURNER (psychiatry); DAVID R. BOHNEN and R. D. JEFFS (surgery).

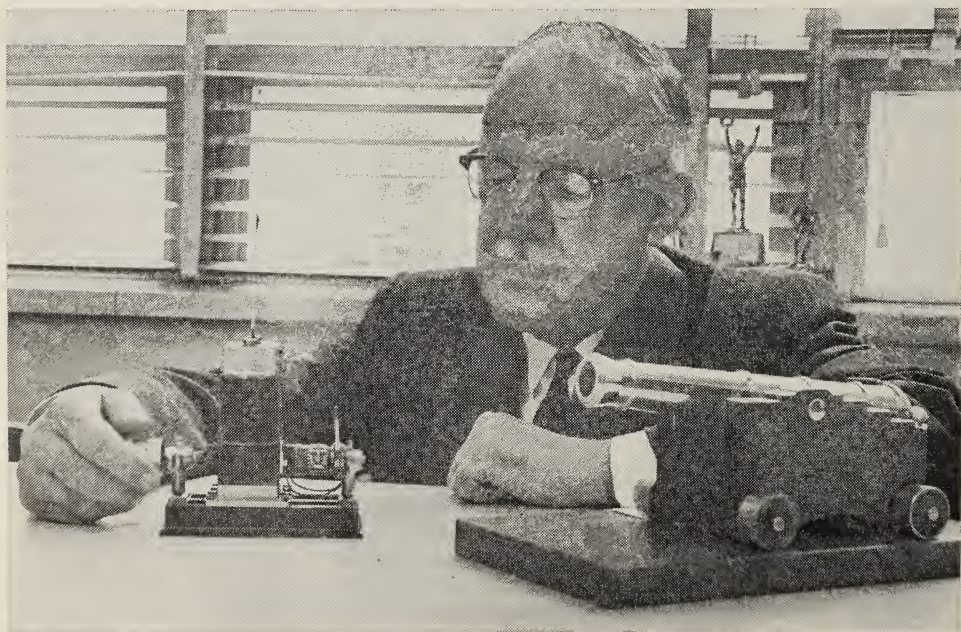
In the Banting and Best department of

medical research, CECIL C. YIP has been appointed assistant professor. He has a B.Sc. degree from McMaster and a Ph.D. earned at the Rockefeller Institute, New York. He will continue his research on problems of thyroid and on insulin.

D. W. CLARKE and JOHN LOGOTHETOPoulos have been promoted to professor, and B. E. CRAWFORD, to assistant professor.

Applied Science and Engineering

JAMES M. HAM has been appointed head of the electrical engineering department, succeeding G. F. Tracy, who retired, but who will remain on the staff as part-time lecturer. Dr. Ham had a brilliant undergraduate record at Toronto and was granted four major awards. He served two years with the navy, was a demonstrator for a year in our post-war program at Ajax, then went to MIT on a fellowship and received his Ph.D. in 1952, and rejoined the staff here as associate professor. Dr. Ham is chairman of the National Research Council's associate committee on Automatic Control.



Among the memorable gifts to PROF. G. F. TRACY on his retirement as head of the department of electrical engineering is the working model of an early Edison-type generator, beautifully made by the department's technician group, on which he is adjusting the brush rigging. Electrical Club students made a brass replica of the Skule cannon on behalf of the classes of 4T7 to 6T7. His colleagues' good wishes were inscribed by hand on parchment by Prof. L. E. Jones—their gift was a 35-mm. camera.

SAMUEL KOTZ has been appointed associate professor in the department of industrial engineering. He holds an M.Sc. from Hebrew University in Israel, and a Ph.D. from Cornell. He was research associate in the department of statistics of the University of North Carolina, and last year was here on a post-doctoral Ford Foundation research fellowship.

W. JANISCHEWSKY has been appointed assistant head of the department of electrical engineering.

Four assistant professors have been appointed. M. E. CHARLES (Chemical) is a graduate of Imperial College, London (B.Sc.) and University of Alberta (M.Sc. and Ph.D.). From 1957 to 1961 he was a research engineer with the Research Council of Alberta, and last year was with Imperial Oil.

KENNETH A. SELBY (Civil) earned his B.A.Sc. and M.B.A. degrees at Toronto, and has completed work for his doctorate at the University of Illinois. He was here last year on a Ford fellowship.

E. J. DAVIDSON (Electrical) took his B.A.Sc. degree in engineering physics and his M.A. in applied mathematics here, then held an Athlone fellowship at Oxford, where he earned his Ph.D. He also holds the A.R.C.T. from the Royal Conservatory of Music.

JAMES F. KEFFER (Mechanical) holds B.A.Sc., M.A.Sc. and Ph.D. degrees from this university. For the past two years he has been at the Cavendish Laboratory, Cambridge, on a post-doctoral National Research Council fellowship.

Promotions to the rank of professor have gone to M. WAYMAN (Chemical), G. R. SLEMON (Electrical) and G. B. CRAIG and W. C. WINEGARD (Metallurgy);

To associate professor: J. B. FRENCH (Aerospace), R. L. HUMMEL (Chemical), J. D. BARBER and B. J. HAYNES (Civil), P. E. BURKE and A. R. STRAUGHEN (Electrical) and D. J. CLOUGH (Industrial);

To assistant professors: R. C. TENNYSON and S. J. TOWNSEND (Aerospace), R. C. GUNN, K. MEIPOOM and J. VLCEK (Civil), J. R. BIRD and Miss M. CURRIE (Electrical) and G. E. GODFREY (Mechanical).

Law

HORACE KREVER has been appointed professor of Law in charge of Civil Procedure and Evidence. A graduate of this university, Prof. Krever has been a barrister in the firm of Kimber and Dubin and has had extensive experience in litigation. During the last four

years he has been a member of the Senate of the University.

J. PETER WILLIAMSON has been appointed associate professor. He is an authority on securities regulation in Canada, on which he has written the leading text, *Securities Regulation in Canada*. He is a graduate of Toronto with a B.A. in physics and chemistry, and of both Harvard Business School (M.B.A.) and Harvard Law School (LL.B.). Prof. Williamson taught at Harvard Business School and for the past three years at the Amos Tuck School of Business at Dartmouth College. Because of his training in both law and business he came here to do work in Corporations and Corporate Finance.

B. E. CRAWFORD has been promoted to the rank of assistant professor.

Food Sciences

Two assistant professors have been appointed, Dr. J. J. MORAN, in the area of textiles, and Dr. JEAN R. MOREAU in the area of food chemistry.

Dr. MORAN graduated with a B.Sc. from Medway College of Technology, Kent, England, and with a Ph.D. from the University of London in 1954. After service with the Royal Air Force he taught for two years at Medway College. He spent 1954-55 at the Ontario Research Foundation on a fellowship, and since then has been working in industry.

Dr. MOREAU was educated at Laval University (B.Sc.) and at Massachusetts Institute of Technology where she earned a Ph.D. (major: food science and engineering; minor: business administration). She has been a research scientist and technologist with the Quebec government, and senior scientist with Canada Packers Limited.

Miss H. A. SMICKLAS has been promoted to assistant professor.

Forestry

Promotions to professorial rank have gone to D. V. LOVE and A. S. MICHELL.

Graduate Studies

H. C. EASTMAN, professor in the department of political economy has been appointed associate dean of the School, succeeding Dr. SIRLUCK, who is now dean. Dr. Eastman is a Toronto graduate with M.A. and Ph.D. degrees from the University of Chicago. He taught at Duke University, spent a year in France, and came to the staff here in 1953. He is the Canadian member on the Council of the International Economic Association, and secretary-treasurer

of the Canadian Political Science Association. Dr. Eastman's research interests are in international monetary relations, and on the effect of the tariff on industrial structure in Canada.

DR. ROBIN HARRIS, principal of Innis College, has been appointed professor of Higher Education. While he will be concerned with higher education in general, his chief interest will centre on the University of Toronto. For the last four years Dr. Harris has been chairman of the President's Advisory Committee on Policy and Planning.

Dentistry

MORRIS GOLDNER has been appointed assistant professor of microbiology. He is a graduate of Queen's University and the University of Montreal, where he earned his Ph.D. in biochemistry in 1954. Dr. Goldner is a special lecturer in microbiology in the School of Hygiene, and from 1955 until this year has been engaged in research activities in bacterial chemistry at the Connaught Medical Research Laboratories.

M. C. JOHNSTON has been appointed assistant professor of embryology and histology. He is a graduate of this University (D.D.S. and M.Sc.D.) and has been doing graduate studies proceeding to the Ph.D. degree at the University of Rochester. From 1956-59 he was part-time instructor in the faculty, and a member of the Cleft Palate Team at the Hospital for Sick Children.

M. A. LISTGARTEN has been appointed assistant professor of periodontology. During his undergraduate years at Toronto he was a consistent prize winner and stood first in his class every year. He was a research fellow in periodontology, Harvard School of Dental Medicine, 1960-61, and for the past three years has been a research associate there.

Promotions to the rank of professor have gone to H. A. HUNTER, P. T. SMYLSKI and W. D. MACKAY;

To associate professor: A. L. POSEN;

To assistant professor: B. K. ARORA, R. C. BURGESS, F. G. KELLAN and R. E. ECHLIN.

Pharmacy

D. R. KENNEDY and F. W. TEARE have been promoted to the rank of associate professor.

Architecture

A. J. DIAMOND has been appointed assistant professor, with special responsibilities as a design critic and in the Master's program. He was born and educated in South

Africa, then earned his B.A. and M.A. degrees at Oxford. He subsequently earned his Master of Architecture degree at the University of Pennsylvania, and after graduation in 1962, taught there and worked with architect Vincent Kling of Philadelphia. Prof. Diamond is a registered architect in South Africa and Great Britain and has practiced in Durban and Philadelphia.

Y. Y. JUNG has been promoted to the rank of assistant professor.

Social Work

MISS R. G. LINDENFIELD has been promoted to the rank of assistant professor.

Nursing

Three assistant professors have been appointed. They are: MISS N. I. PARKER, who since 1961 has been a school psychologist with the Toronto Board of Education. A graduate of the Ontario Hospital School of Nursing, Hamilton, she served as a general duty nurse there, then gained her certificate in Nursing Education here, spent a year as a ward supervisor at the Ontario Hospital, Hamilton, and eight years as a nursing instructor there. In 1959 she graduated with her B.A. from Toronto, and earned her M.A. at McMaster.

MISS M. N. TURNER graduated from King Edward VII Memorial Hospital in Hamilton, Bermuda, and was a staff nurse there. In 1956 she graduated from this university with her B.Sc.N. degree, and was lecturer here until 1962. Miss Turner has since completed the degree of Master of Science in Nursing at Yale University.

MRS. VERA RUBINSTEIN graduated from the Western Pennsylvania School of Nursing, Pittsburgh, and has a B.A. from the University of New Mexico and an M.Litt. degree with a major in Psychiatric Nursing from the University of Pittsburgh. She has been an instructor at the Woodville State Hospital, Pennsylvania and in charge of Nursing Education there; assistant director of Nursing at Western Psychiatric Institute and Clinic, Pittsburgh; assistant professor, University of Pittsburgh, and senior nursing instructor at the Fort Logan Mental Health Center in Colorado.

Hygiene

Promotions to the rank of assistant professor have gone to MRS. P. L. SEYFRIED, MRS. R. SHEININ and A. C. WARDLAW (Microbiology); MISS M. J. VEEN (Nutrition); and MISS M. C. CAHOON (Public Health).

Business

J. H. G. CRISPO and M. S. MOYER have been promoted to the rank of associate professor.

Child Study

M. F. GRAPKO has been promoted to associate professor and J. A. McINNES to assistant professor.

Computer Science

Promotions to the rank of associate professor have gone to W. M. KAHAN and Miss B. H. WORSLEY.

Royal Ontario Museum

G. B. WIGGINS has been promoted to the rank of curator of entomology, and E. S. ROGERS to curator of ethnology.

Lectureship in Dramatic Literature

DR. ROBERTSON DAVIES, Master of Massey College and Professor of English in University College, has been appointed the Edgar Stone Lecturer in Dramatic Literature. This appointment will make it possible for undergraduate and graduate students to attend

courses and receive credit for them on subjects related to dramatic literature and to the theatre in all its aspects. The concept of the lectureship will include eventually radio, television and motion picture drama as well as the legitimate theatre.

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